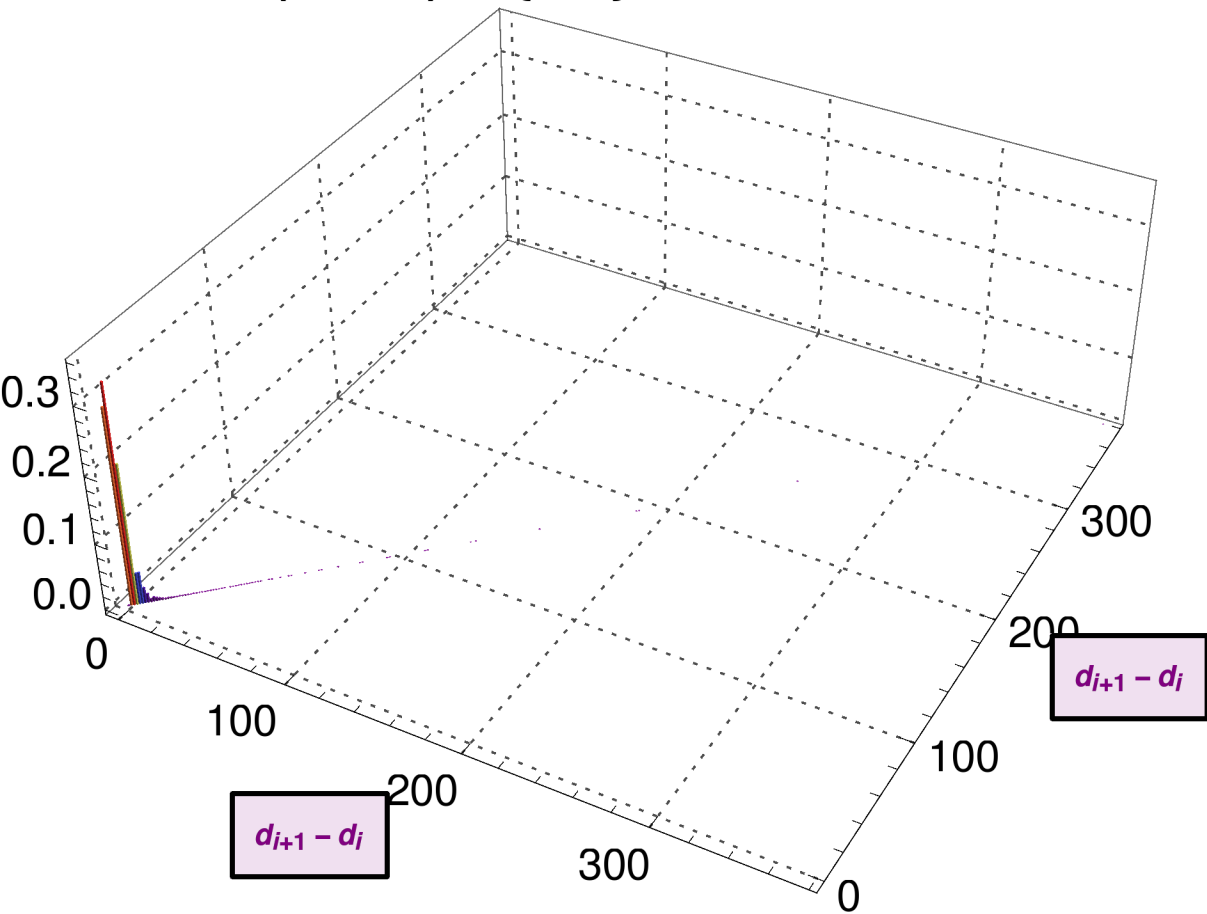


IntegerLattice Slopes ($R := 750$)
Gap Statistic Joint Distribution PDF:
 $(h1, h2) := \{1, 1\}$, $\# \text{ Bins} = 400$

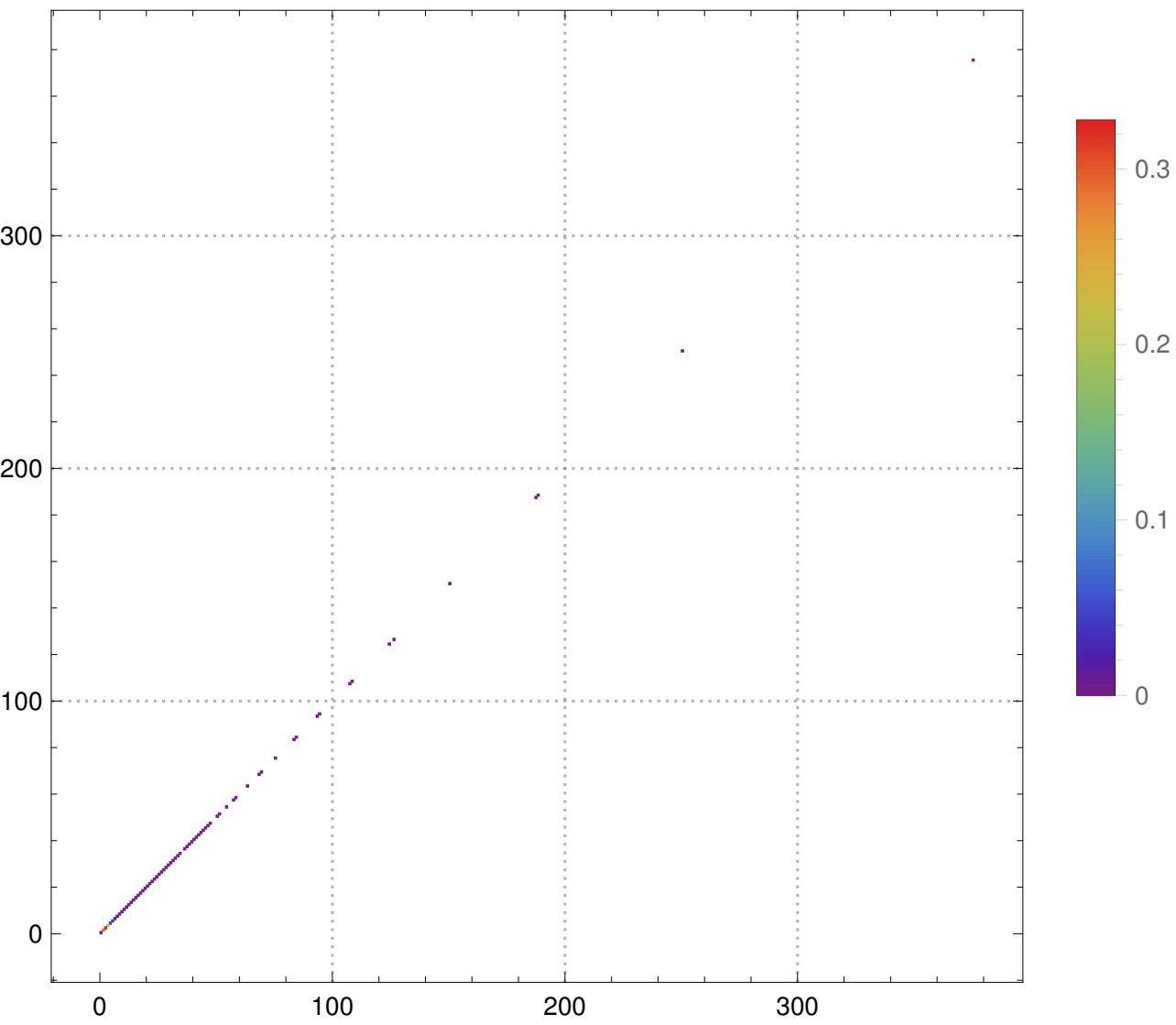


IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF Density:

$(h_1, h_2) := \{1, 1\}$, NUM-STEPS=10

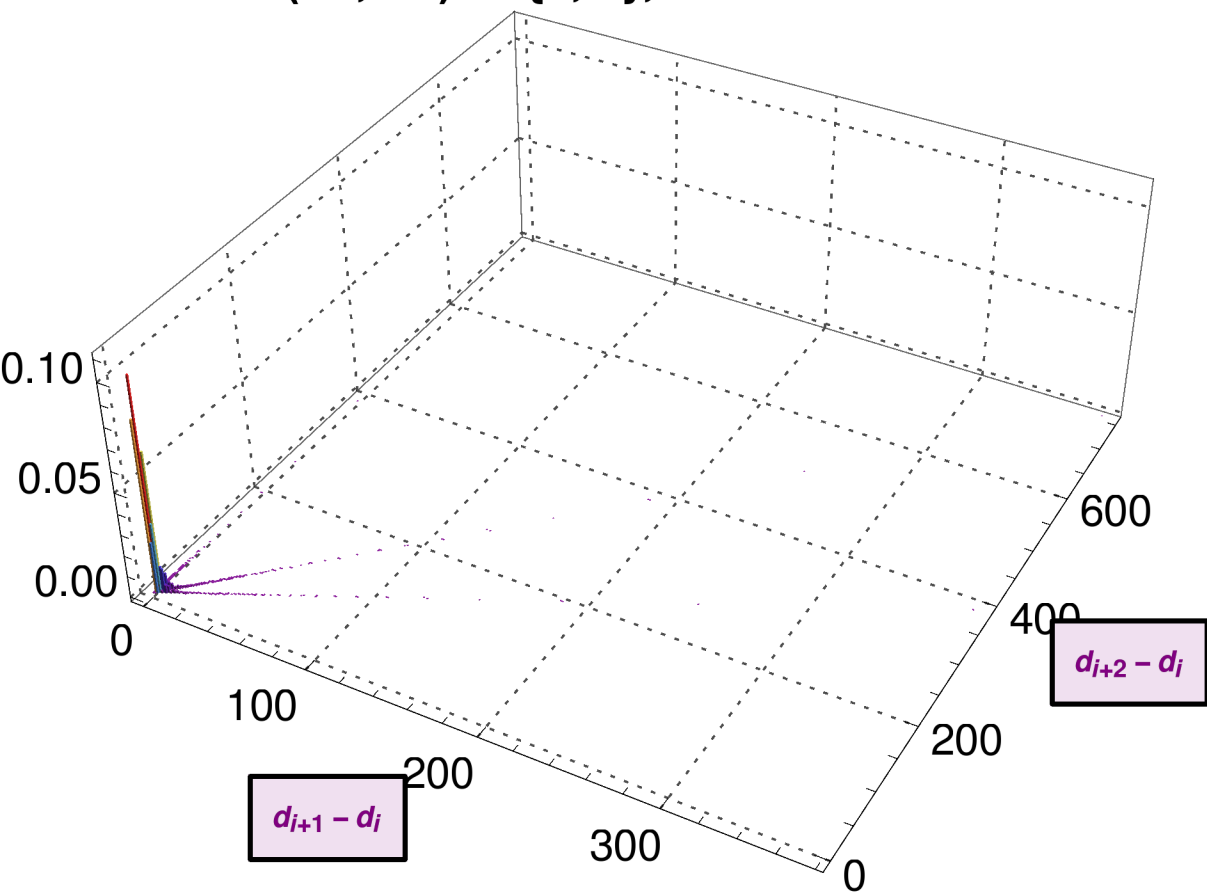
#Bins = 400



IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h_1, h_2) := \{1, 2\}$, $\# \text{ Bins} = 400$

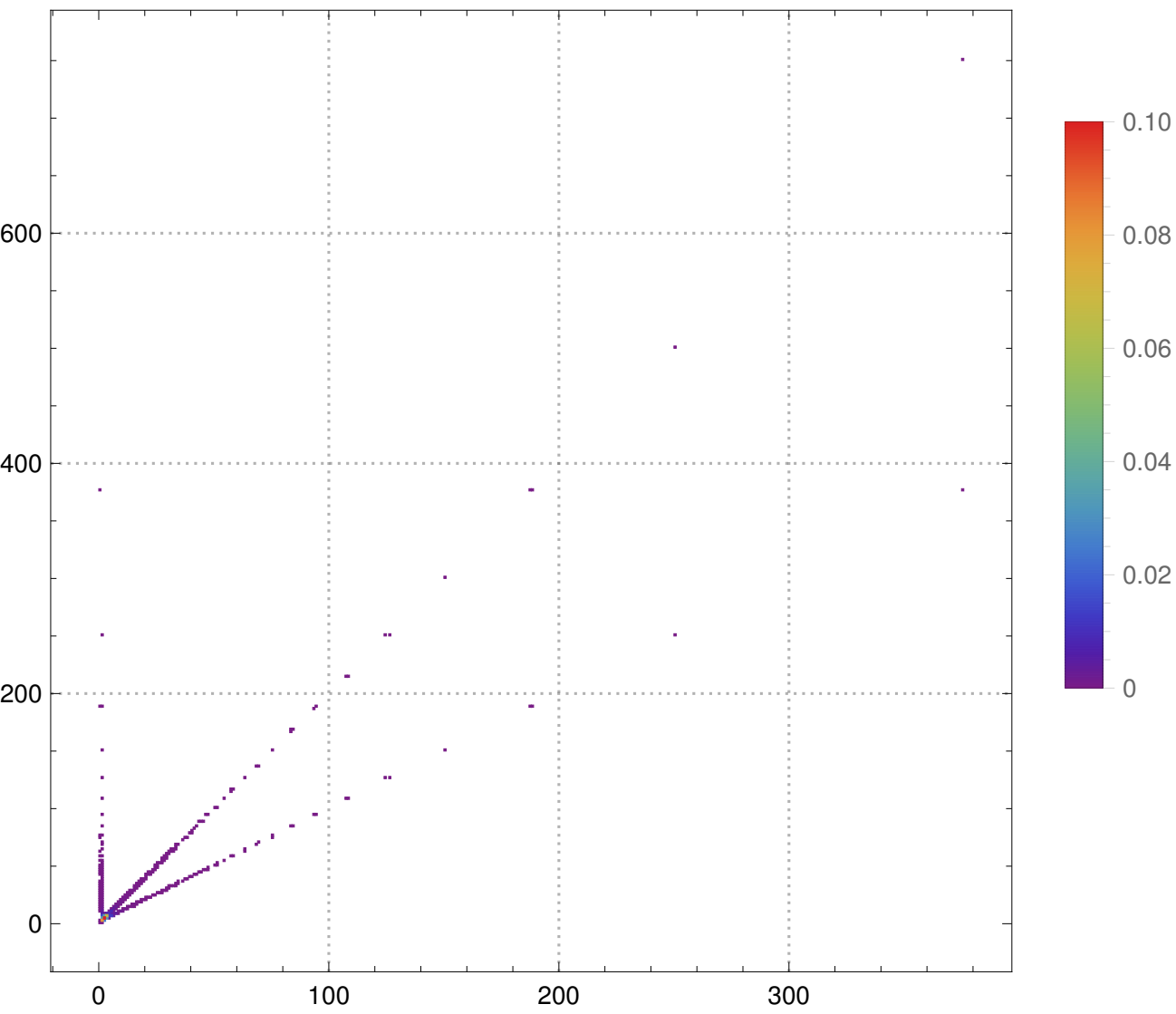


IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF Density:

$(h_1, h_2) := \{1, 2\}$, NUM-STEPS=10

#Bins = 400



```
Histogram3D[  
  Take[$Failed, {4, -1}], {400, 400},  
  PDF, ColorFunction → Rainbow,  
  AxesLabel → { $-d_i + d_{1+i}$ ,  $-d_i + d_{3+i}$ },  
  PlotLabel →
```

IntegerLattice Slopes (R := 750)

Gap Statistic Joint Distribution PDF:

(h1, h2) := {1, 3}, # Bins = 400,

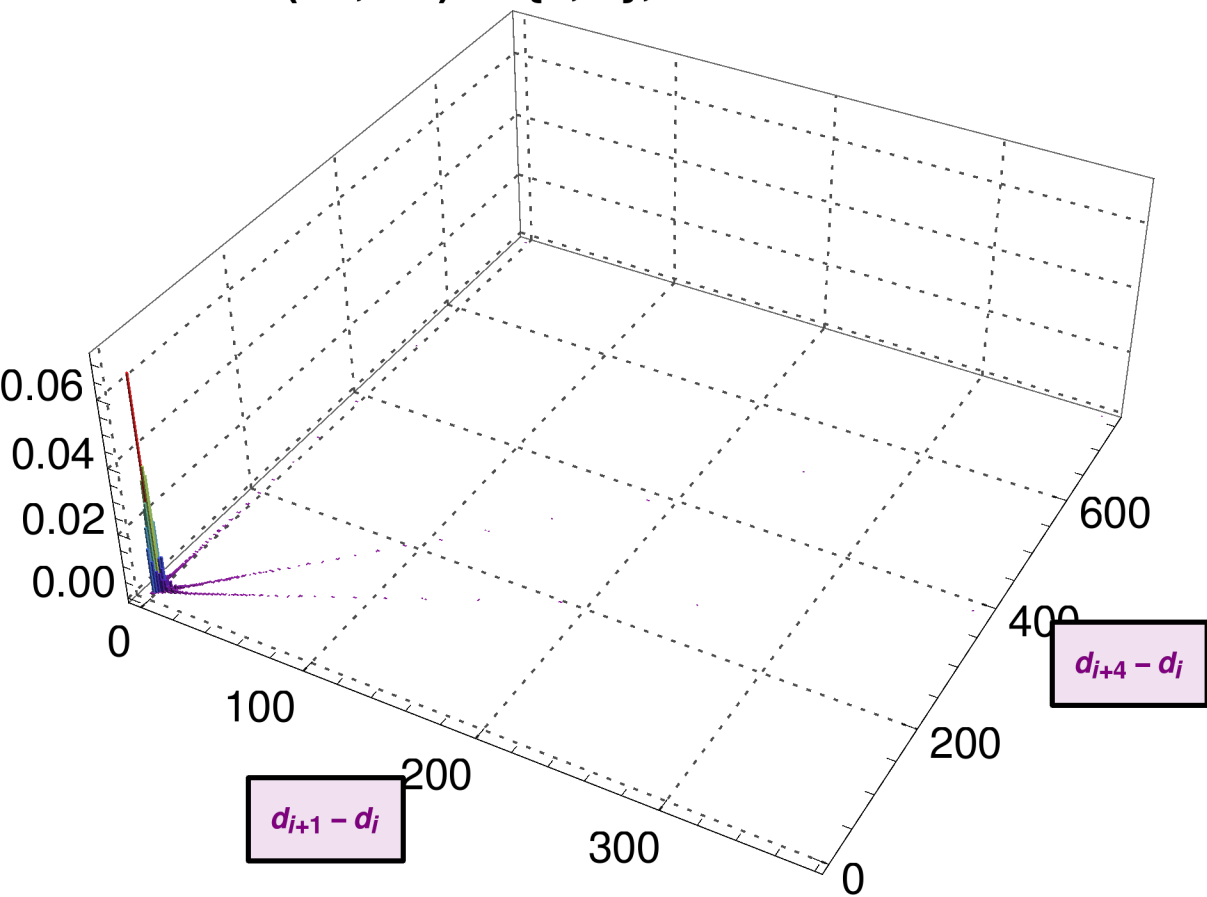
PlotTheme → Detailed]

```
DensityHistogram[Take[$Failed, {4, -1}], {400, 400},  
  PDF, PlotTheme → Detailed, ColorFunction → Rainbow,  
  PlotRange → Automatic, AxesLabel → { $-d_i + d_{1+i}$ ,  $-d_i + d_{3+i}$ },  
  PlotLabel → IntegerLattice Slopes (R := 750)  
Gap Statistic Joint Distribution PDF Density:  
(h1, h2) := {1, 3}, NUM-STEPS=10  
#Bins = 400]
```

IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h1, h2) := \{1, 4\}$, $\# \text{ Bins} = 400$

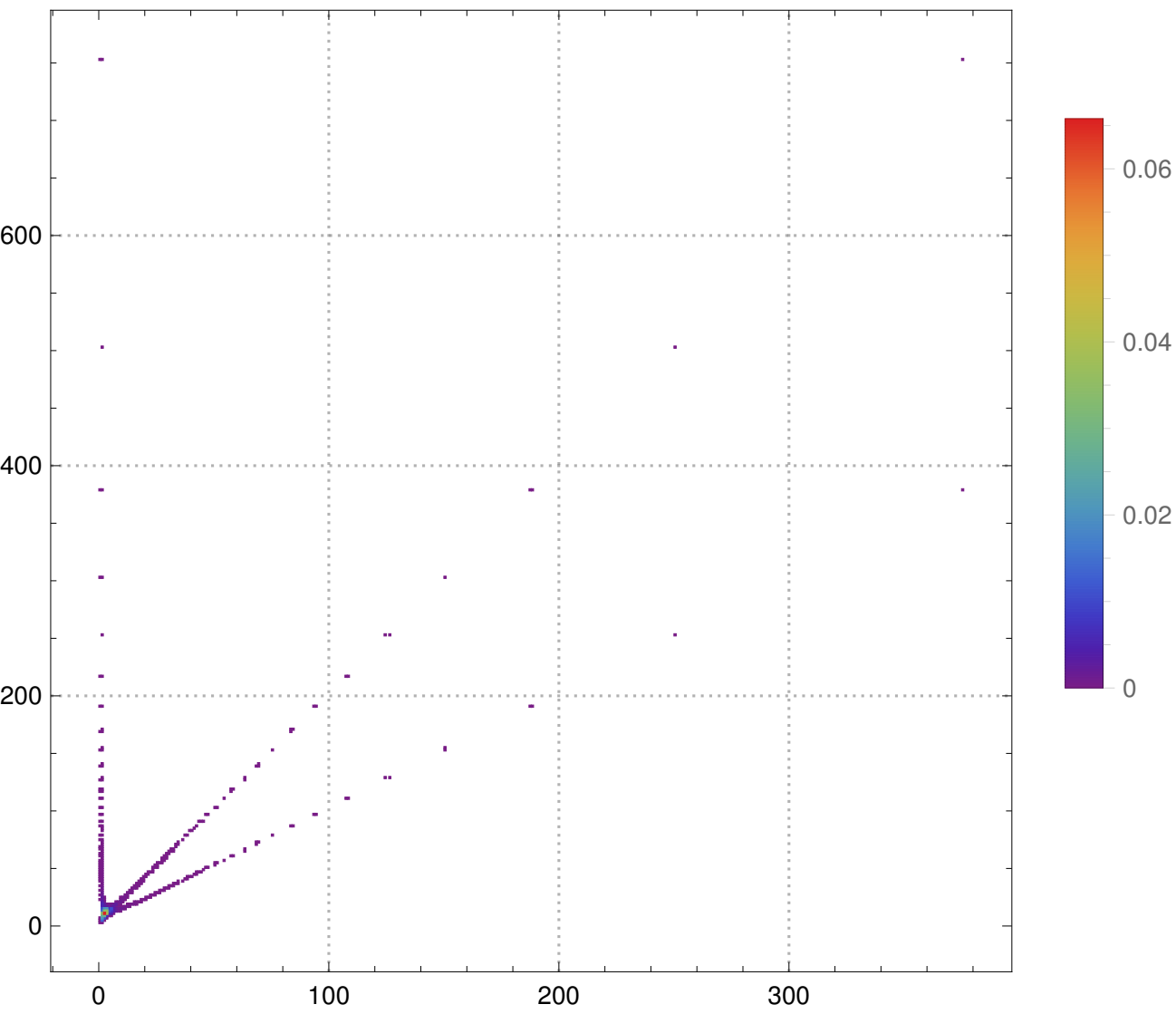


IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF Density:

$(h_1, h_2) := \{1, 4\}$, NUM-STEPS=10

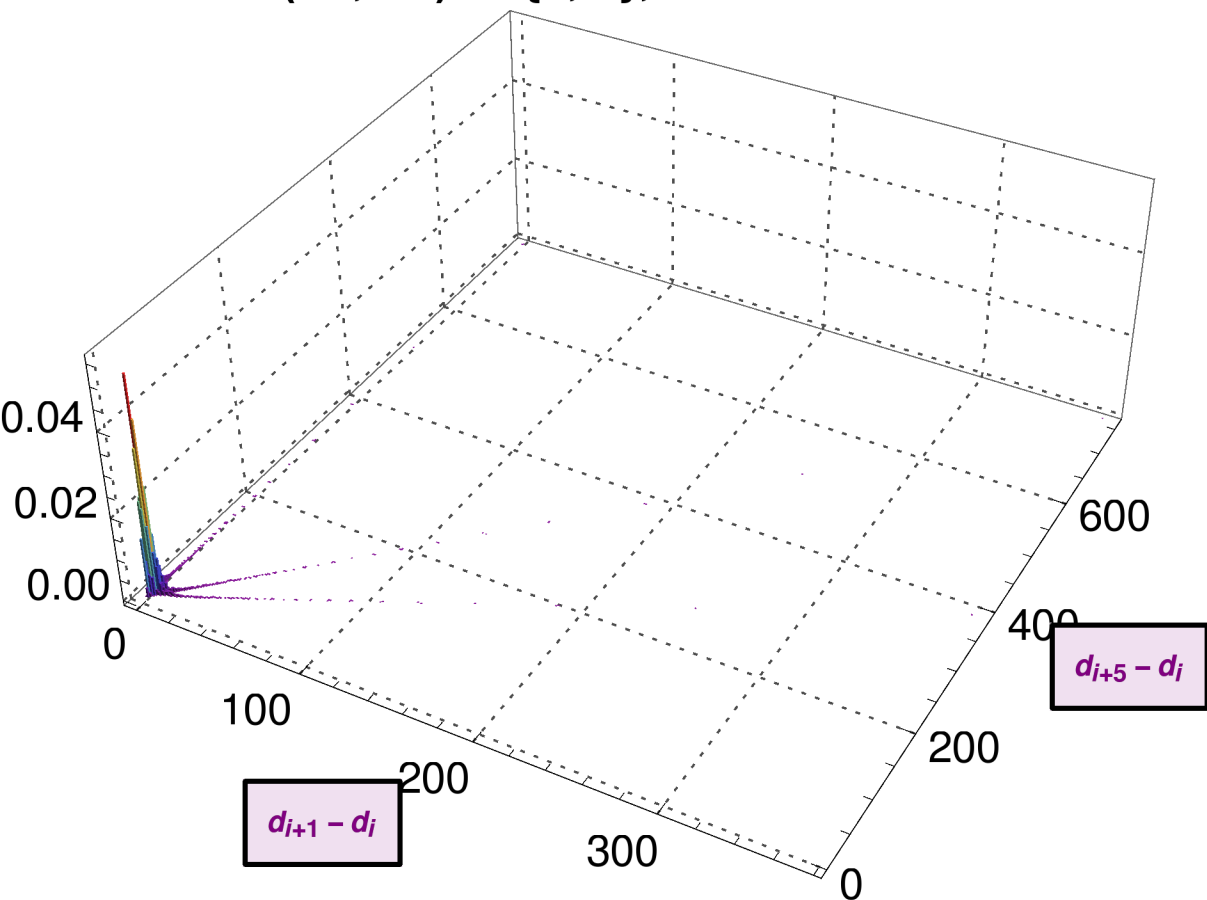
#Bins = 400



IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h1, h2) := \{1, 5\}$, # Bins = 400

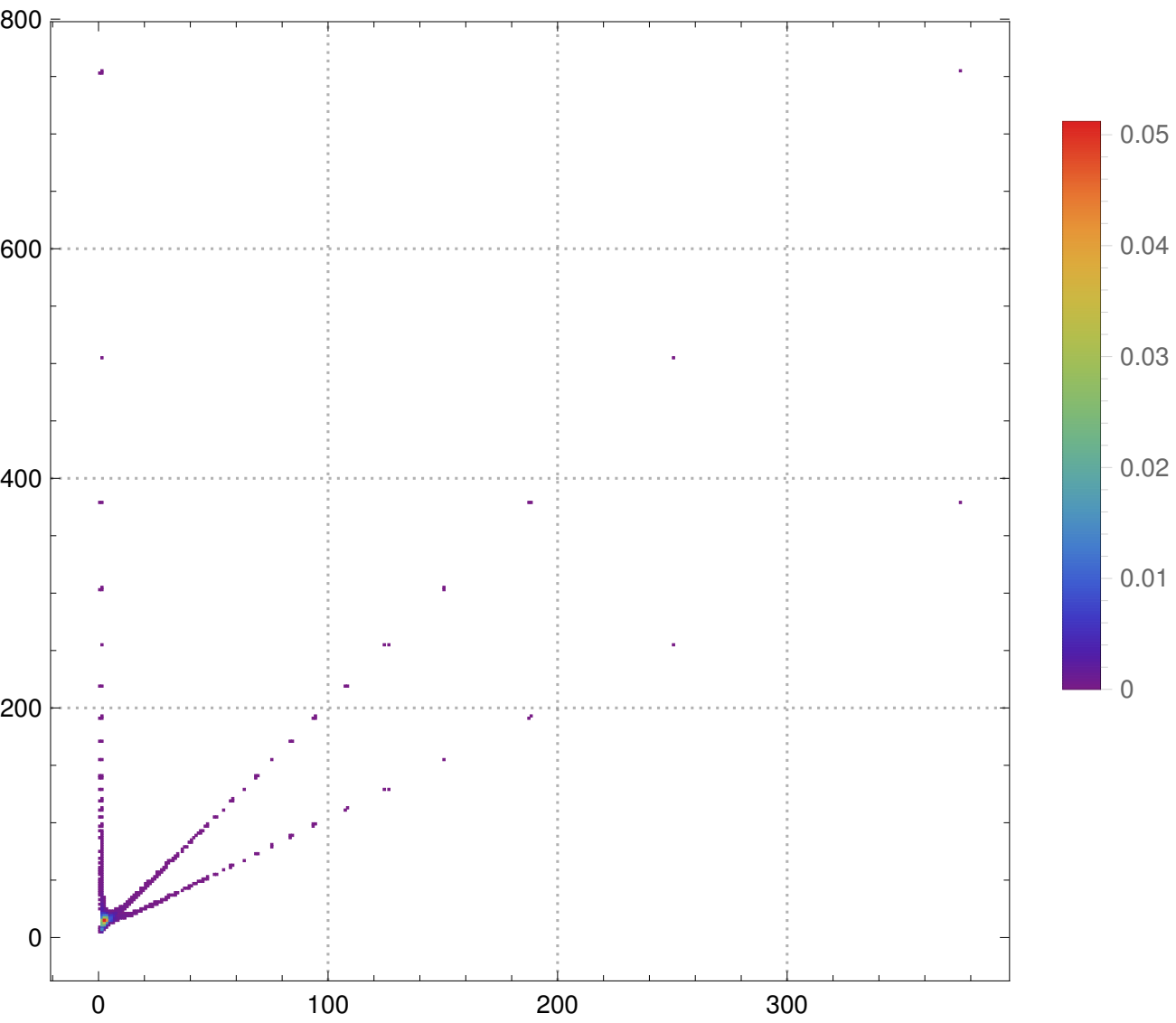


IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF Density:

$(h_1, h_2) := \{1, 5\}$, NUM-STEPS=10

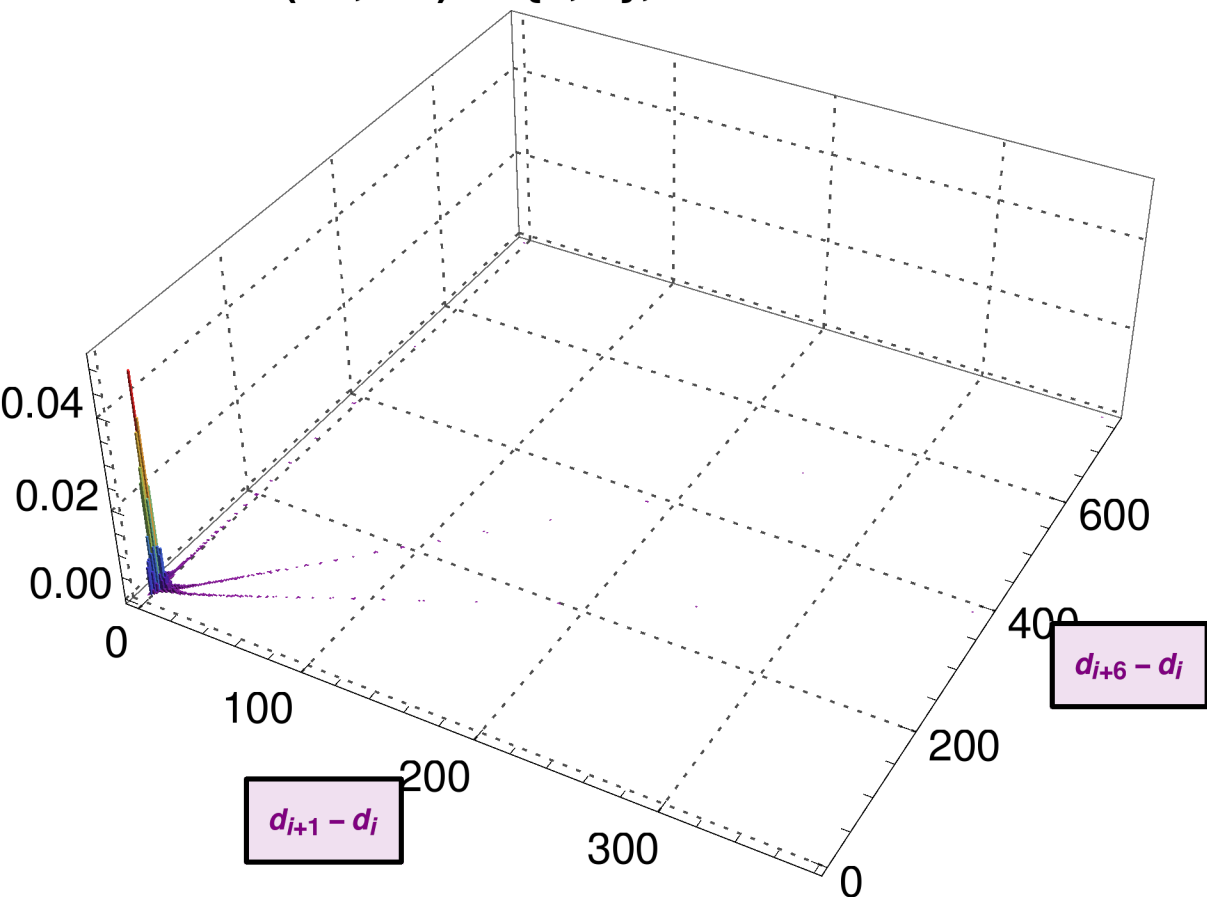
#Bins = 400



IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h1, h2) := \{1, 6\}$, $\# \text{ Bins} = 400$

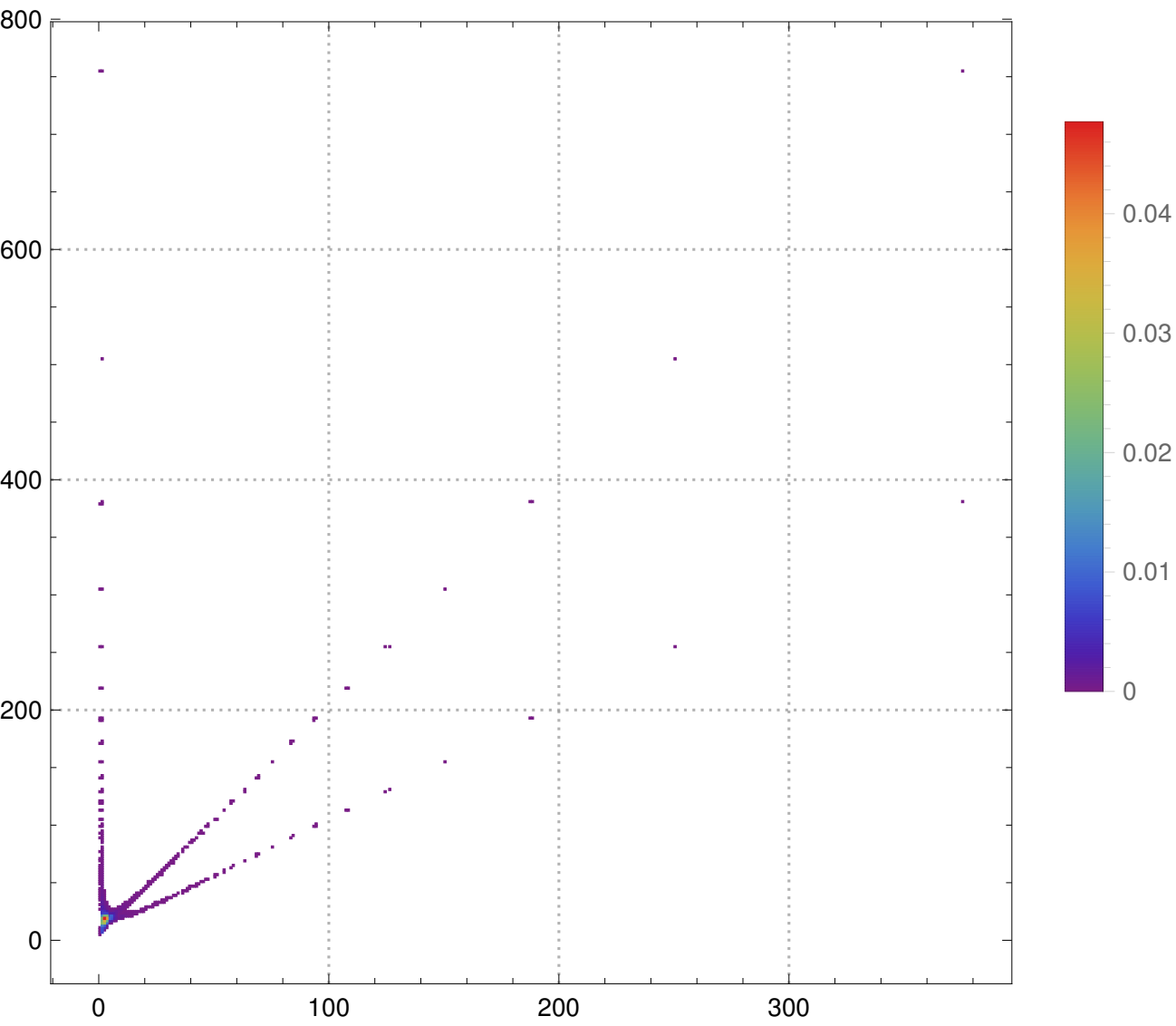


IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF Density:

$(h_1, h_2) := \{1, 6\}$, NUM-STEPS=10

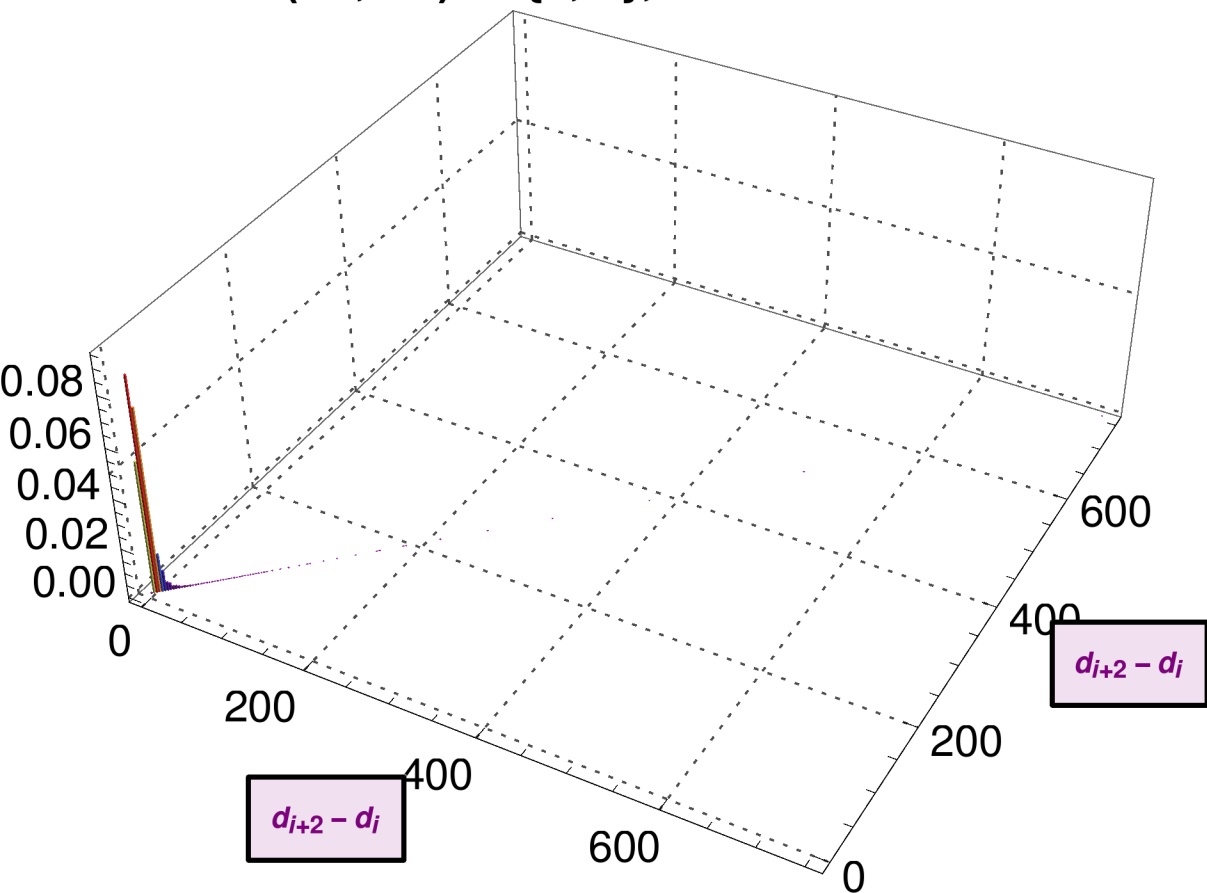
#Bins = 400



IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h1, h2) := \{2, 2\}$, $\#$ Bins = 400

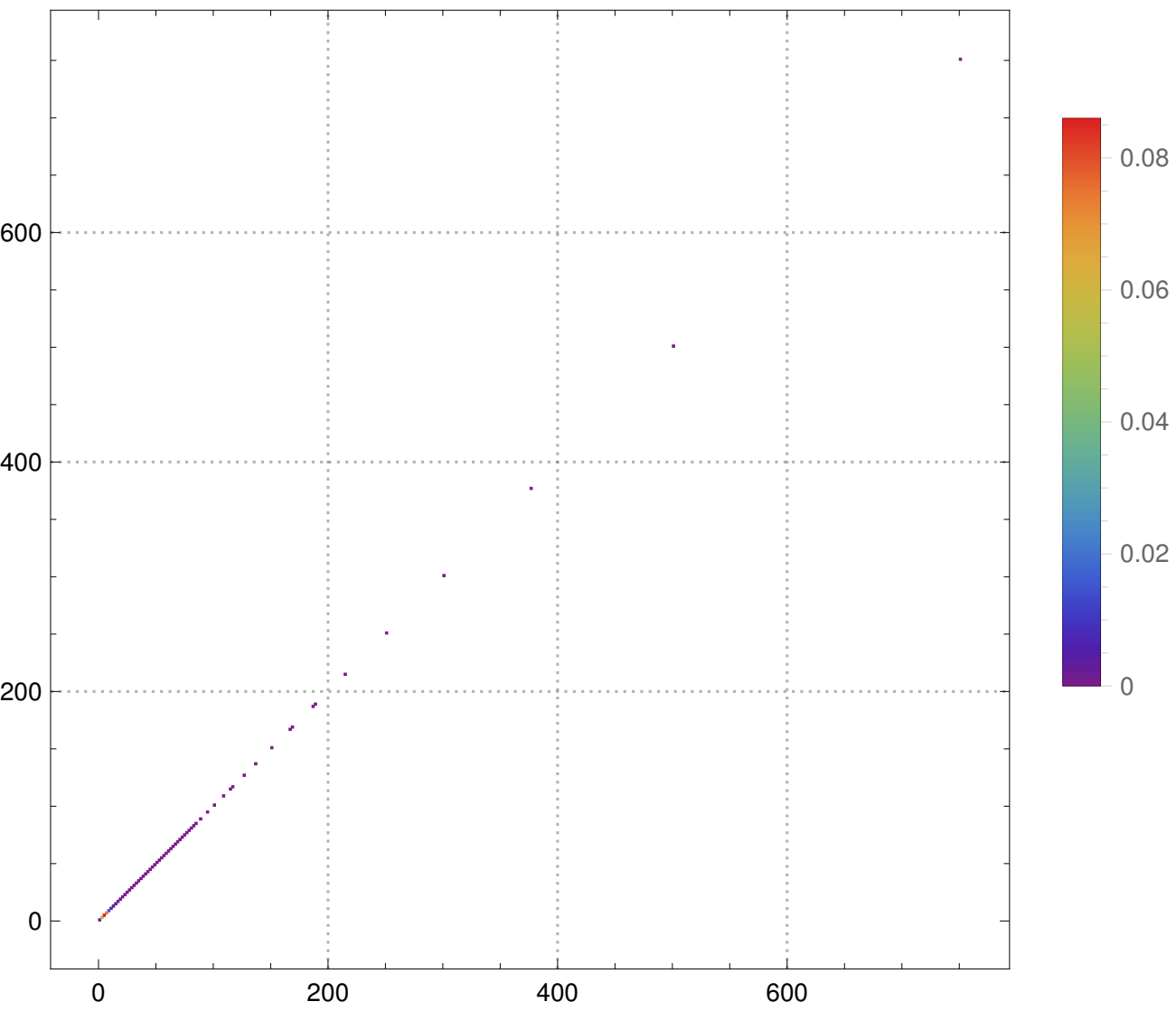


IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF Density:

$(h_1, h_2) := \{2, 2\}$, NUM-STEPS=10

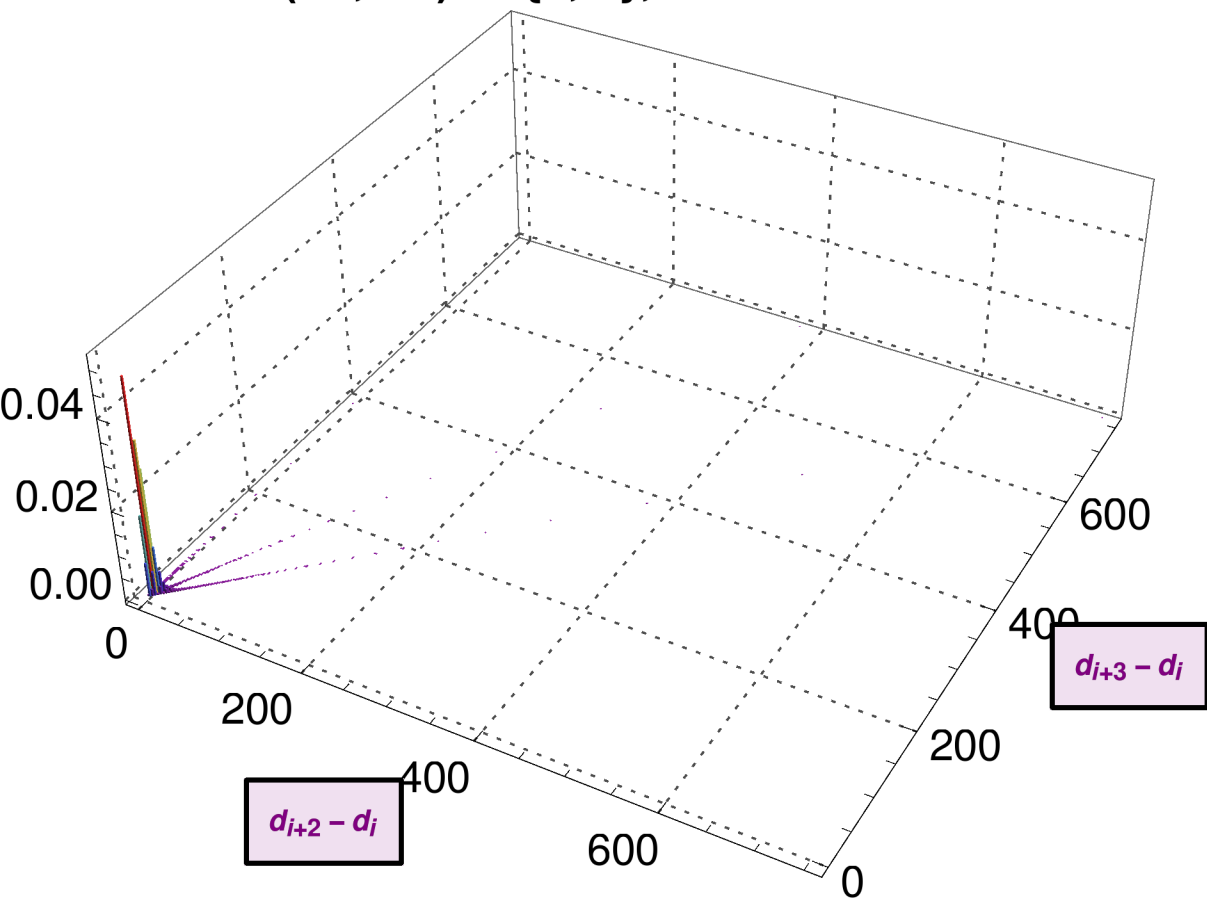
#Bins = 400



IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h1, h2) := \{2, 3\}$, $\# \text{ Bins} = 400$

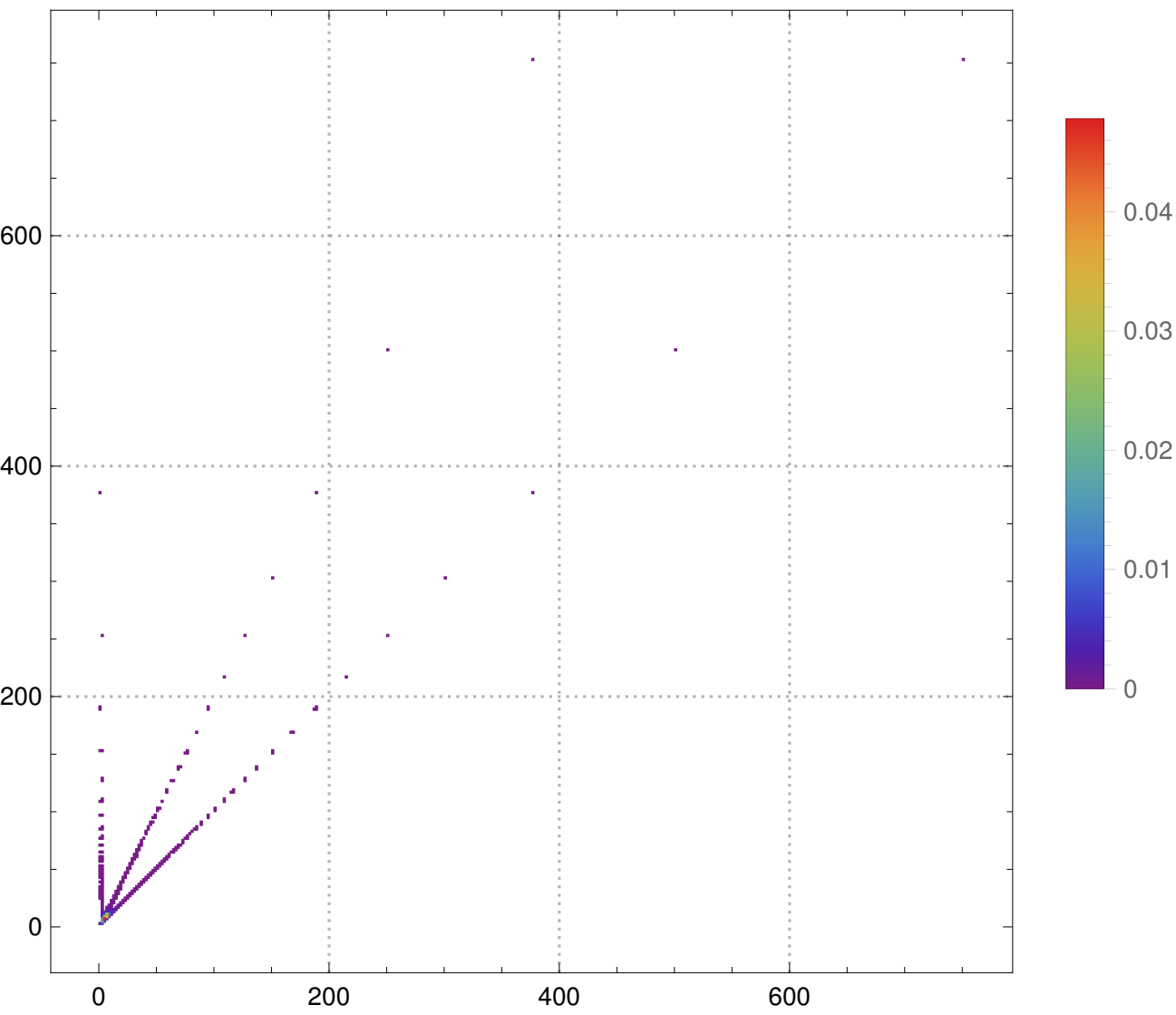


IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF Density:

$(h_1, h_2) := \{2, 3\}$, NUM-STEPS=10

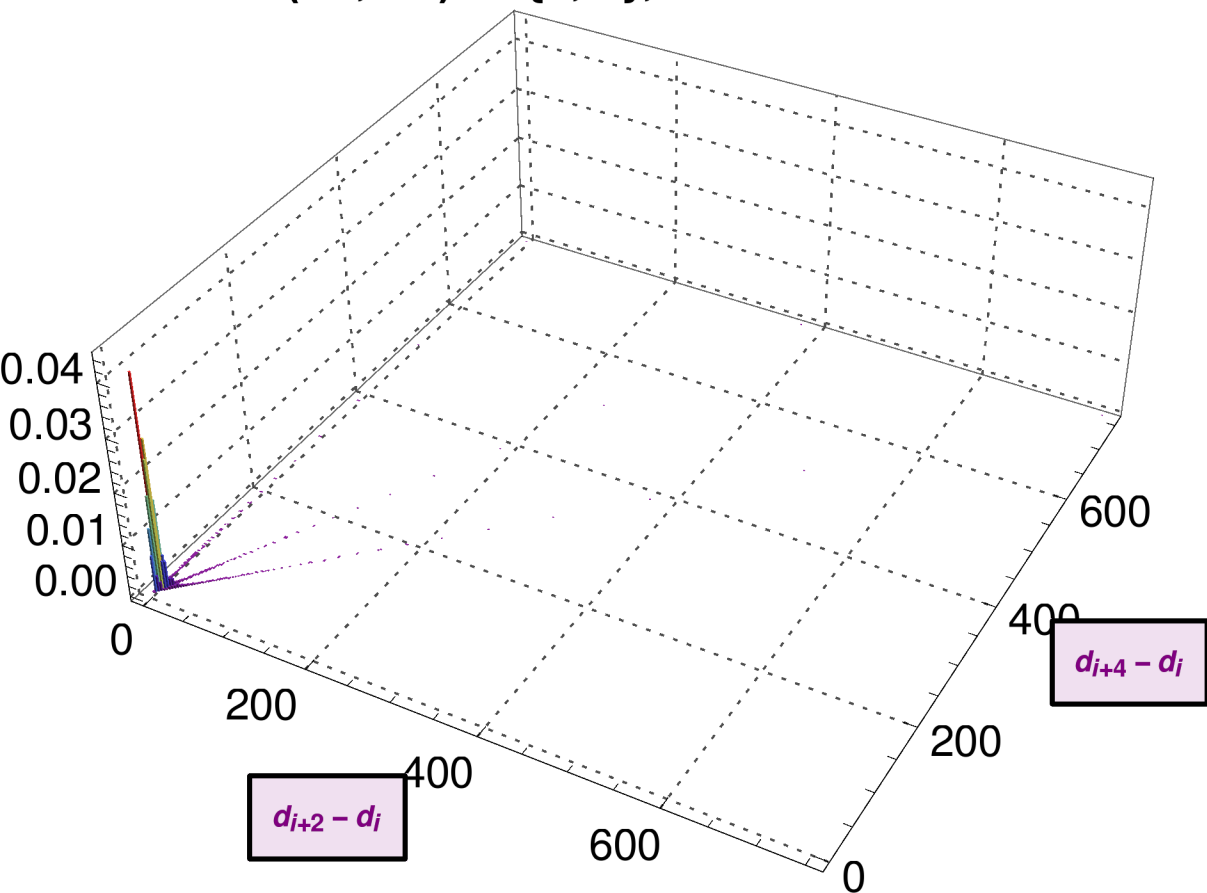
#Bins = 400



IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h_1, h_2) := \{2, 4\}$, $\# \text{ Bins} = 400$

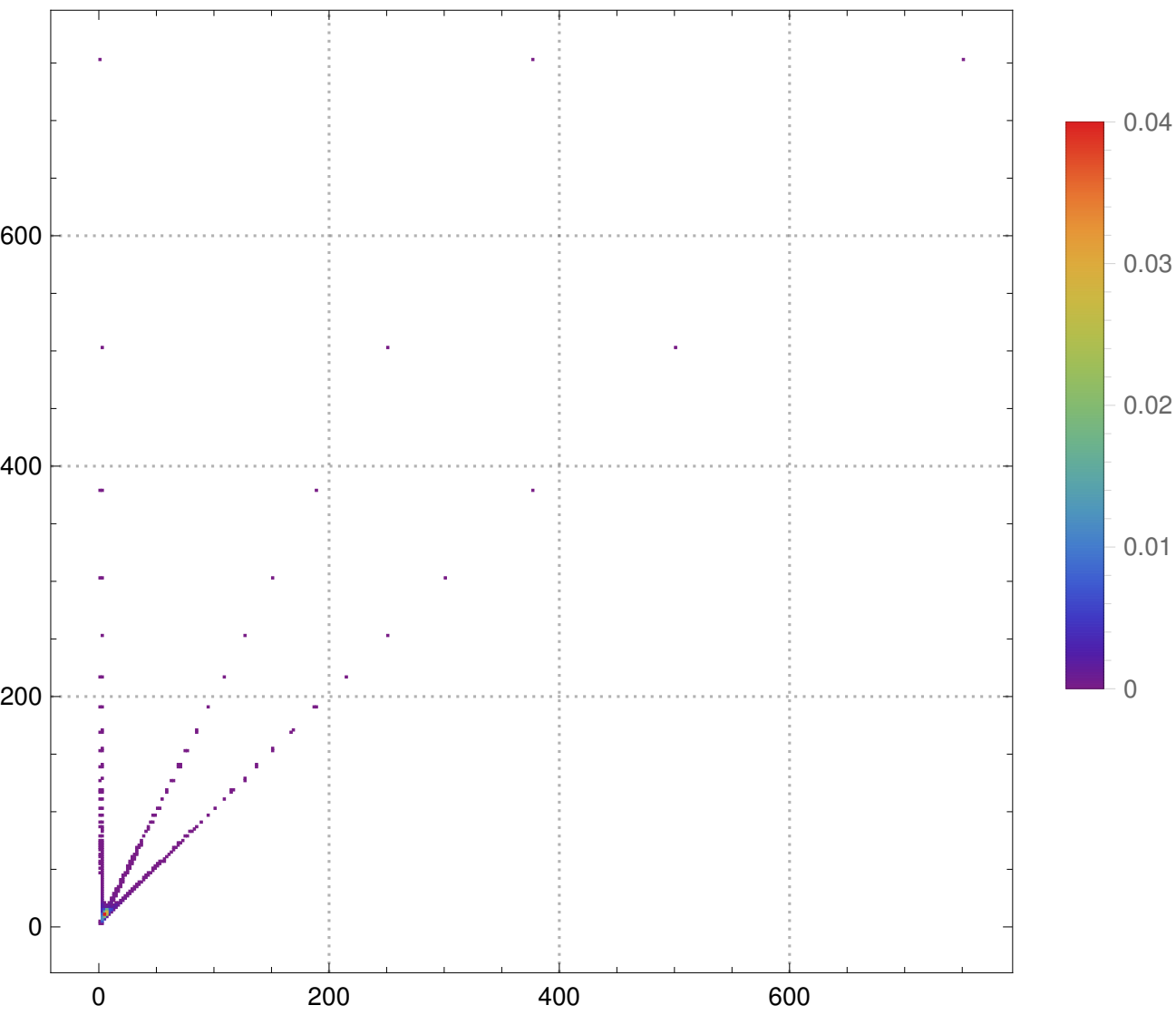


IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF Density:

$(h_1, h_2) := \{2, 4\}$, NUM-STEPS=10

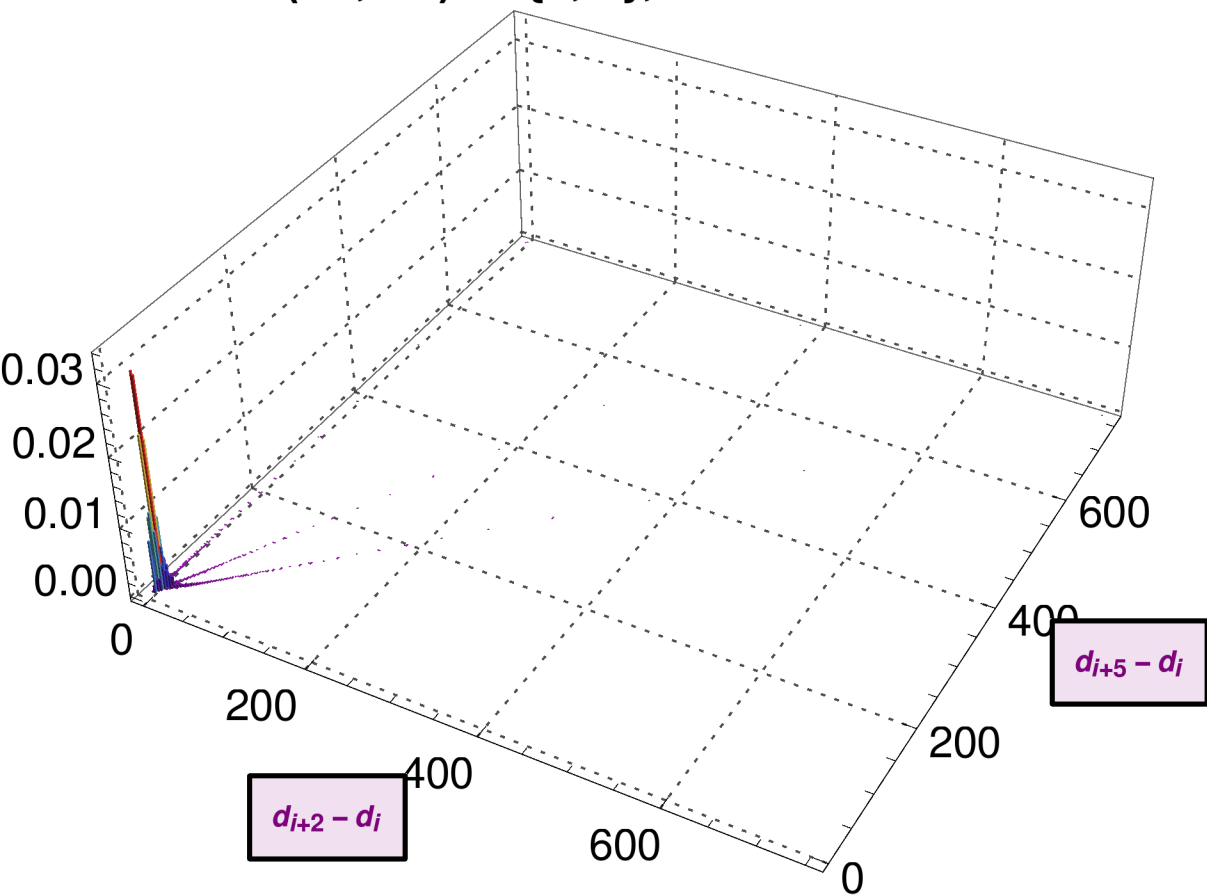
#Bins = 400



IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h1, h2) := \{2, 5\}$, $\# \text{ Bins} = 400$

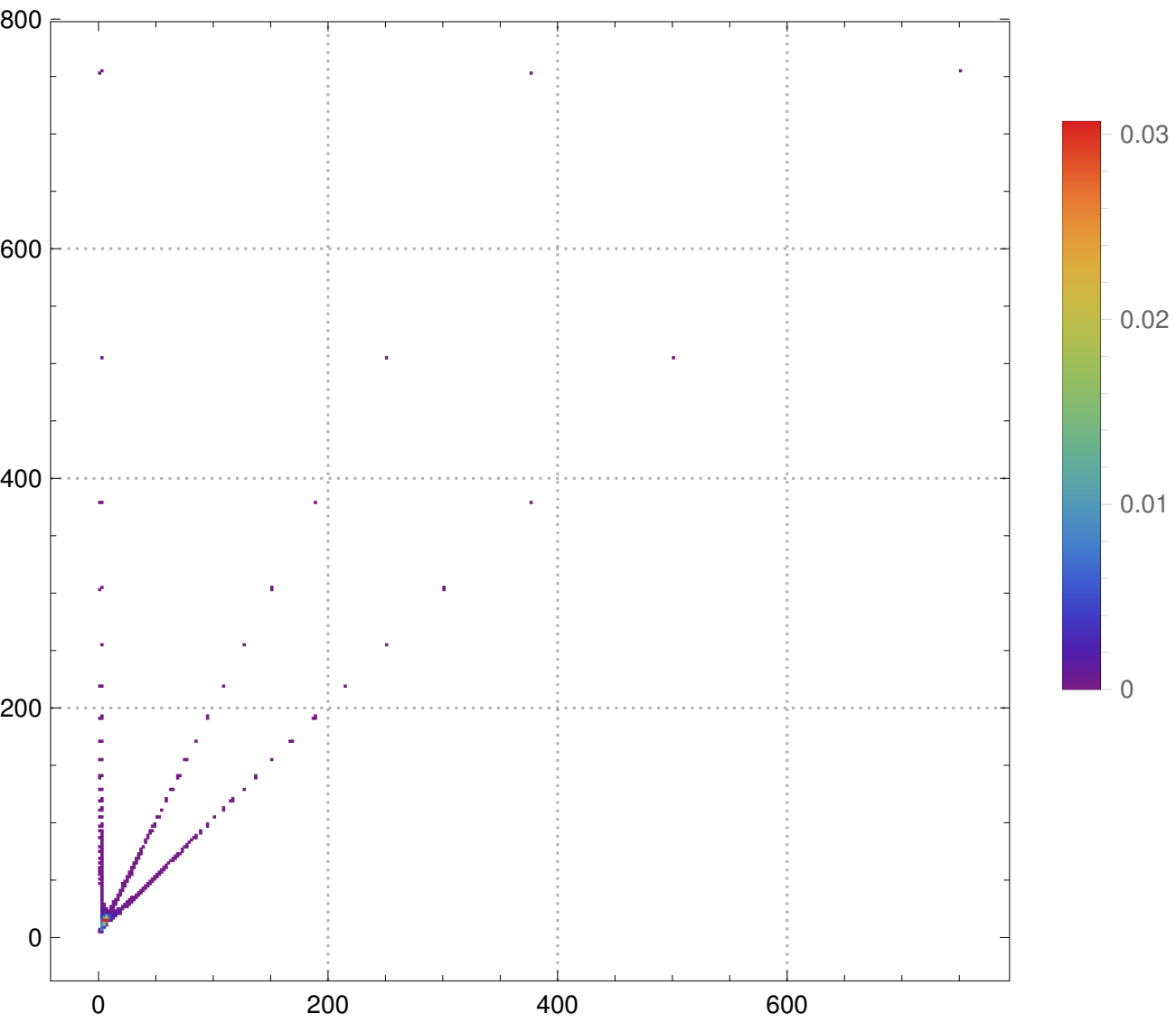


IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF Density:

$(h_1, h_2) := \{2, 5\}$, NUM-STEPS=10

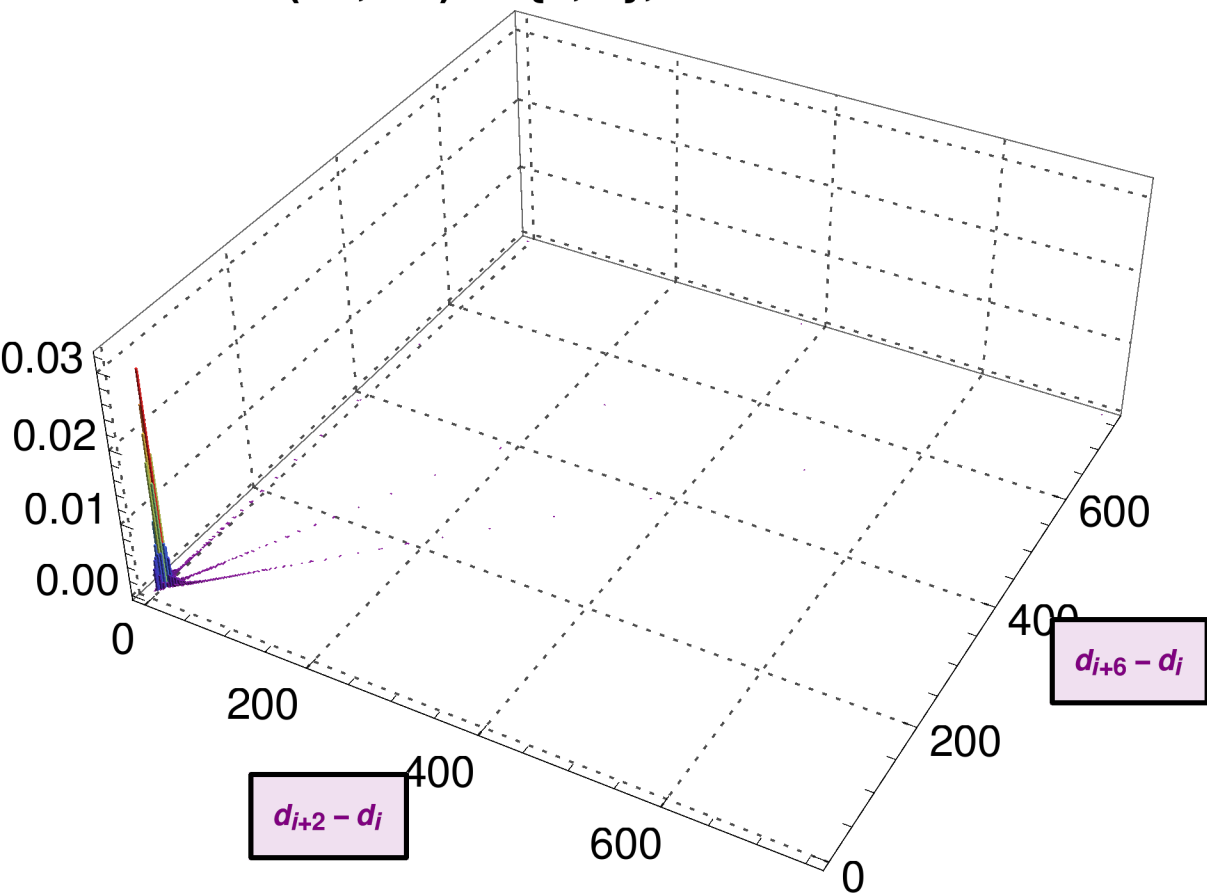
#Bins = 400



IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h_1, h_2) := \{2, 6\}$, $\# \text{ Bins} = 400$

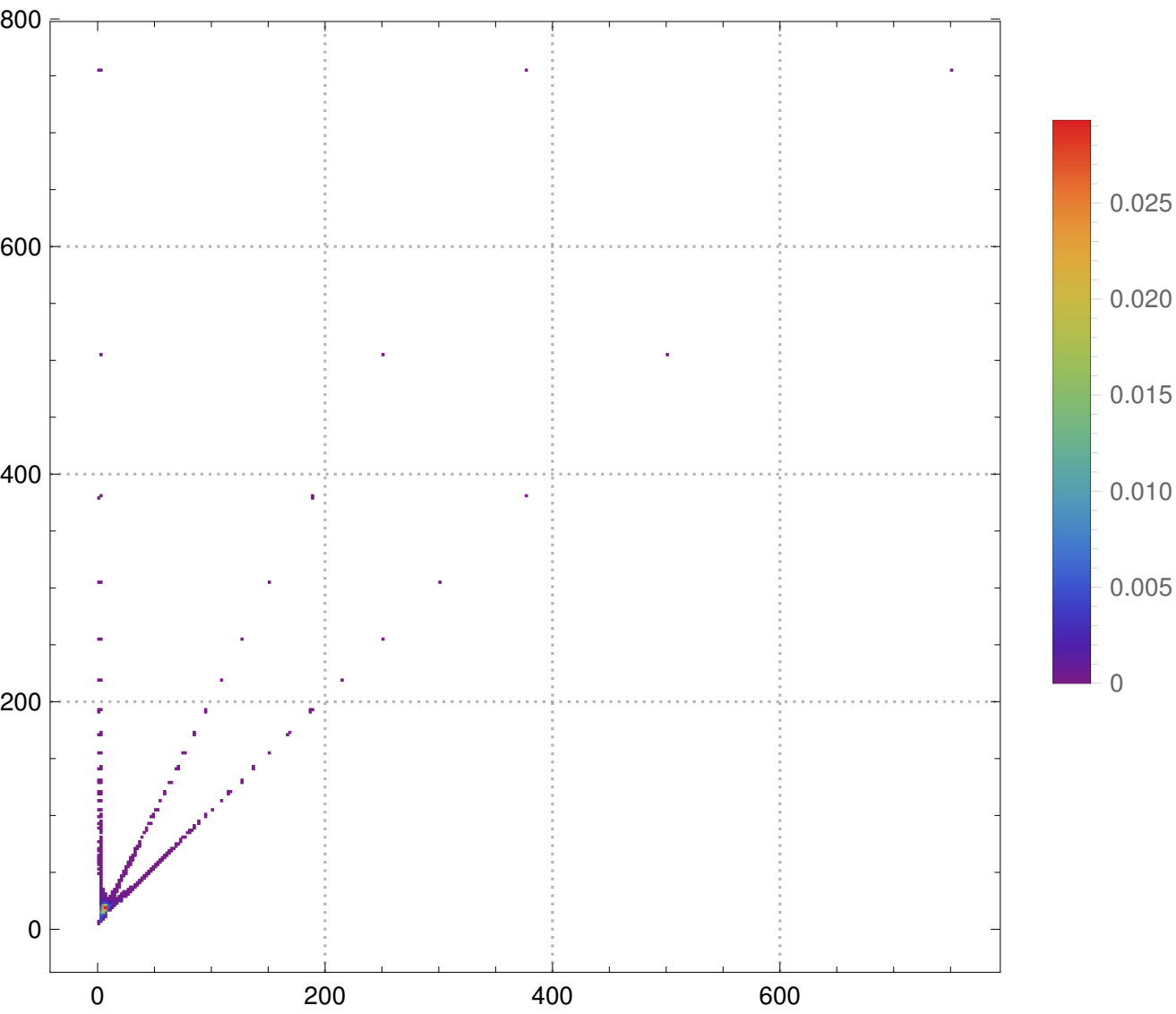


IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF Density:

$(h_1, h_2) := \{2, 6\}$, NUM-STEPS=10

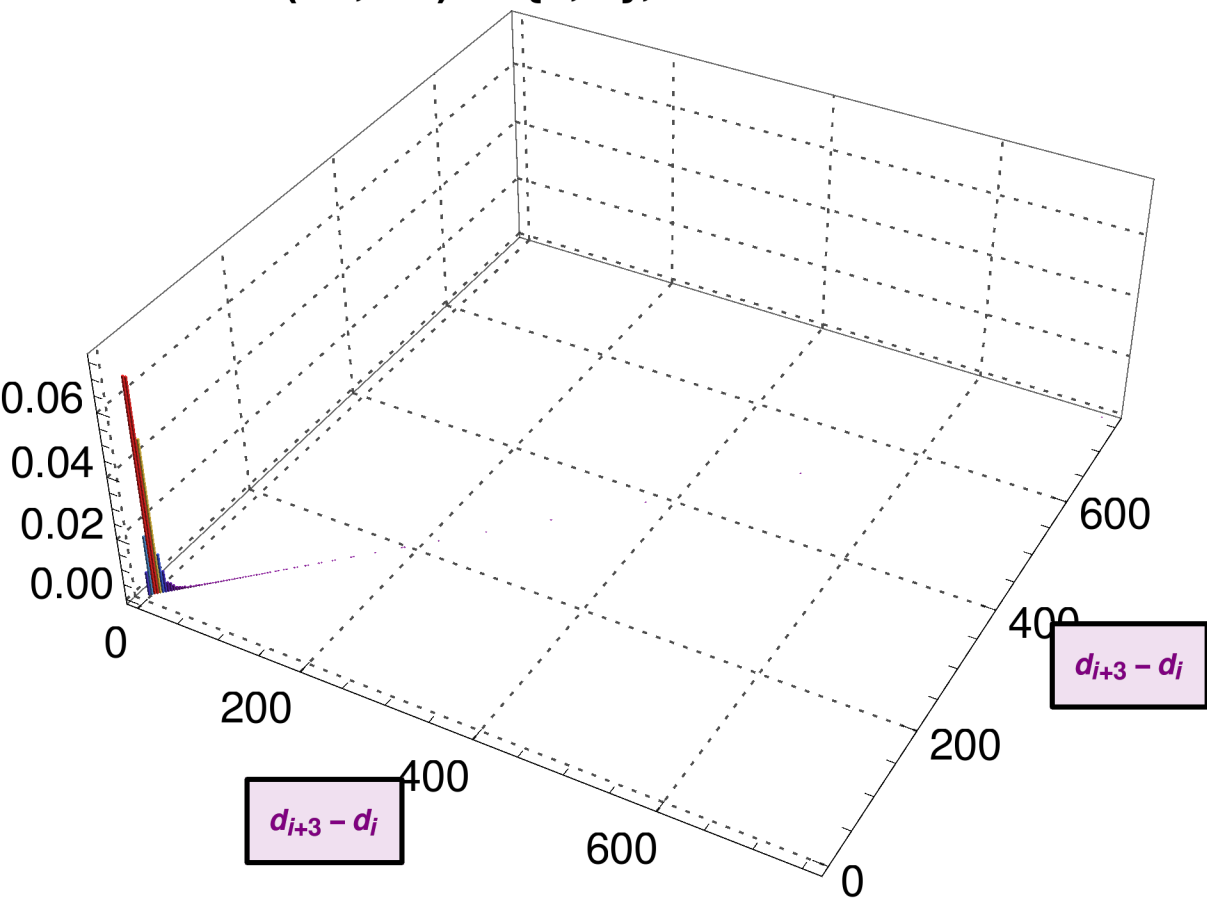
#Bins = 400



IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h1, h2) := \{3, 3\}$, $\#$ Bins = 400

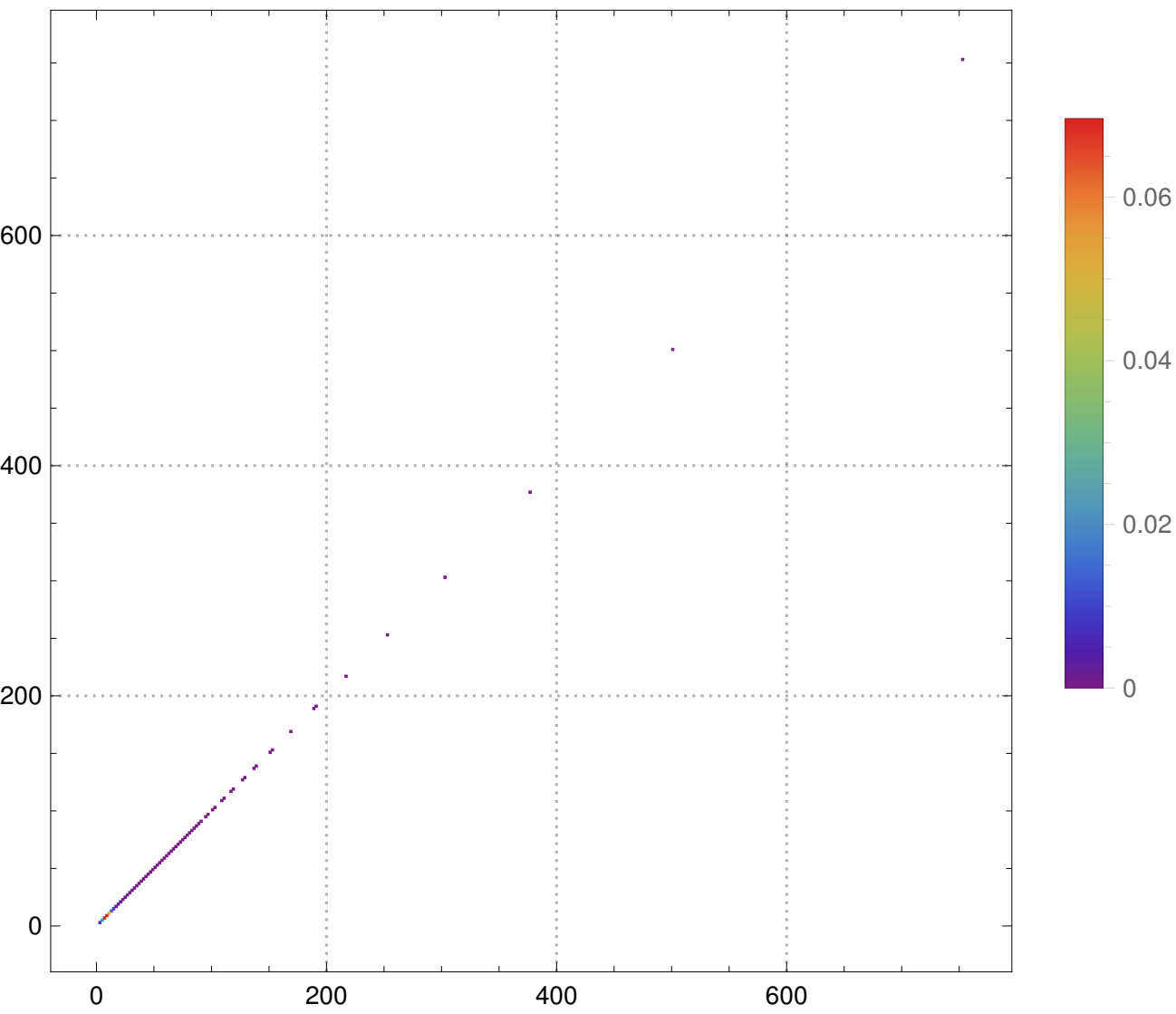


IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF Density:

$(h_1, h_2) := \{3, 3\}$, NUM-STEPS=10

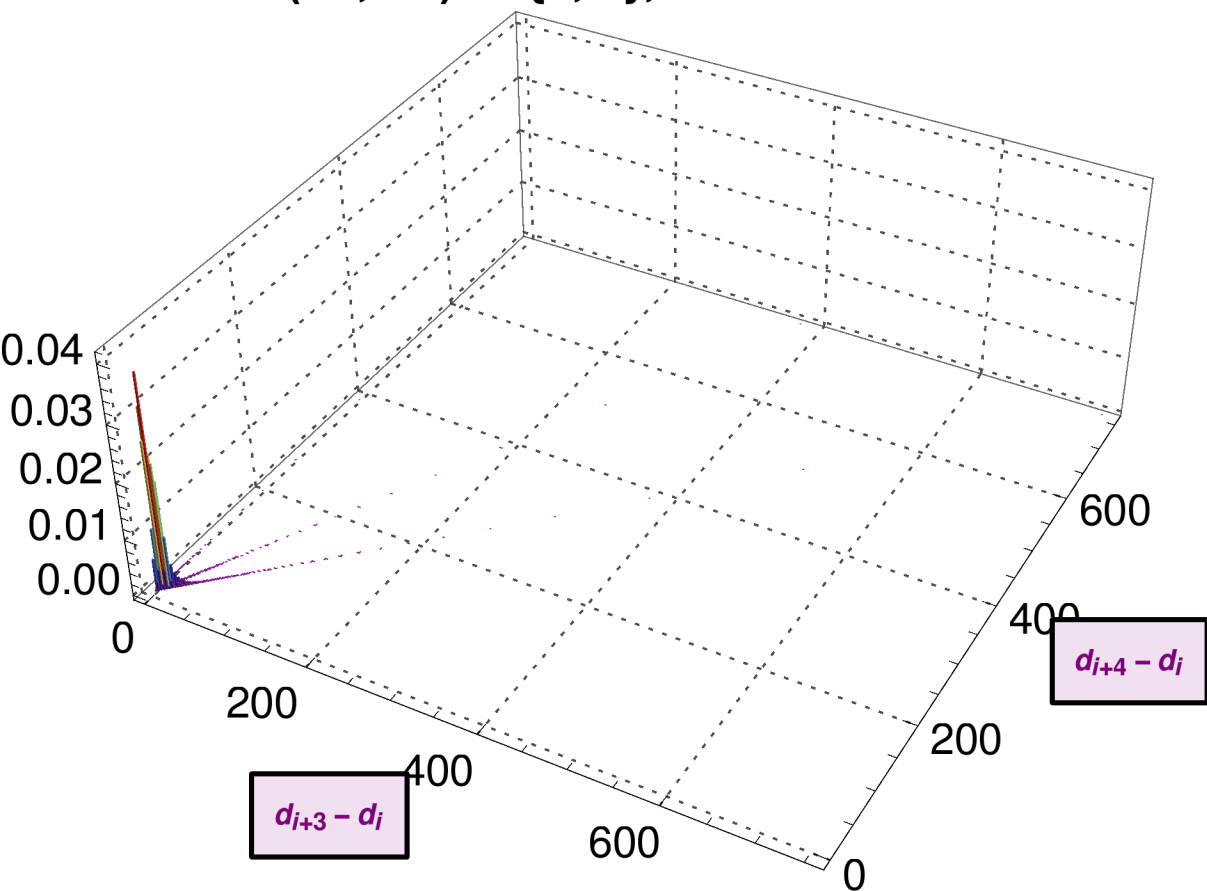
#Bins = 400



IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h1, h2) := \{3, 4\}$, $\#$ Bins = 400

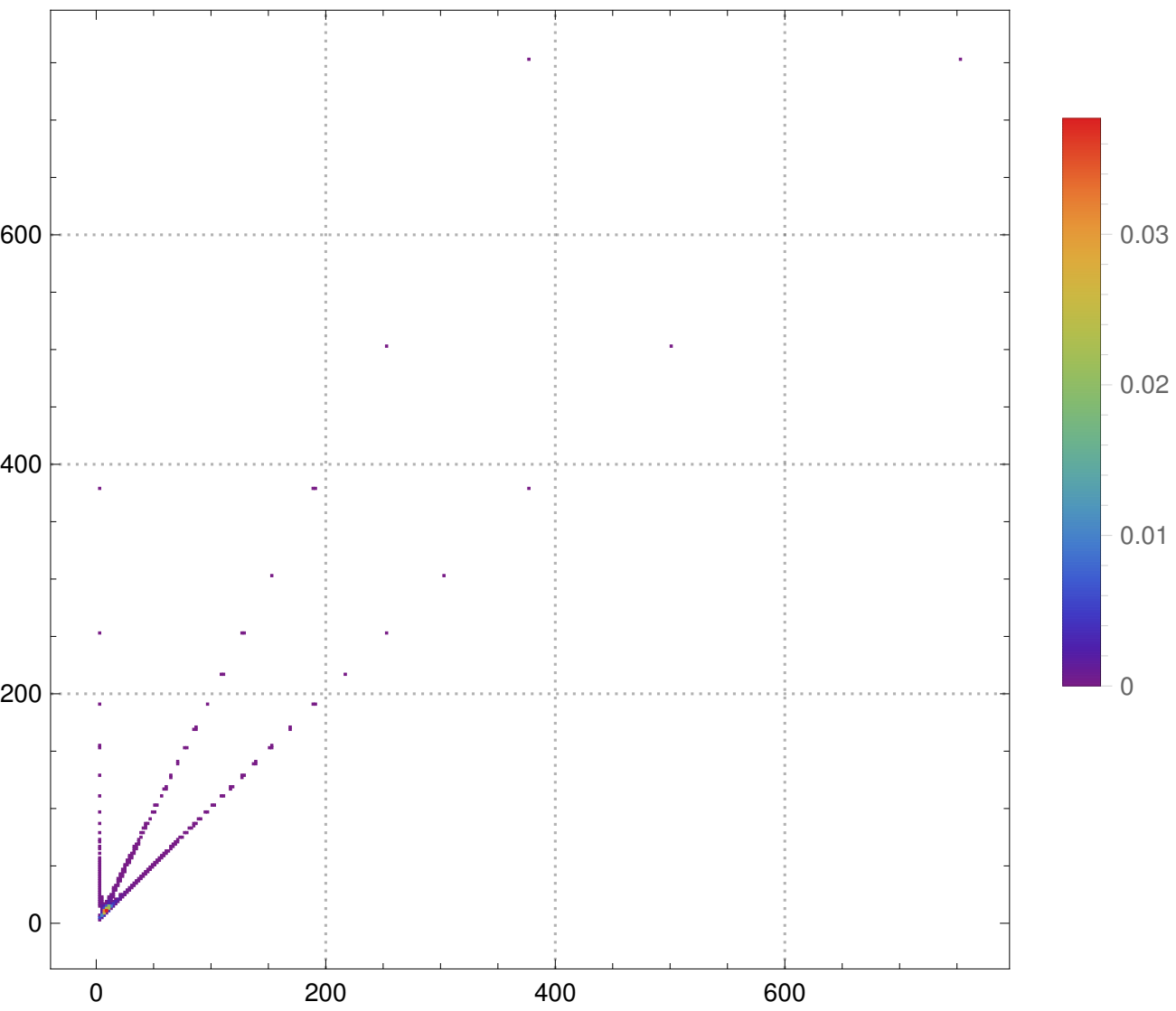


IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF Density:

$(h_1, h_2) := \{3, 4\}$, NUM-STEPS=10

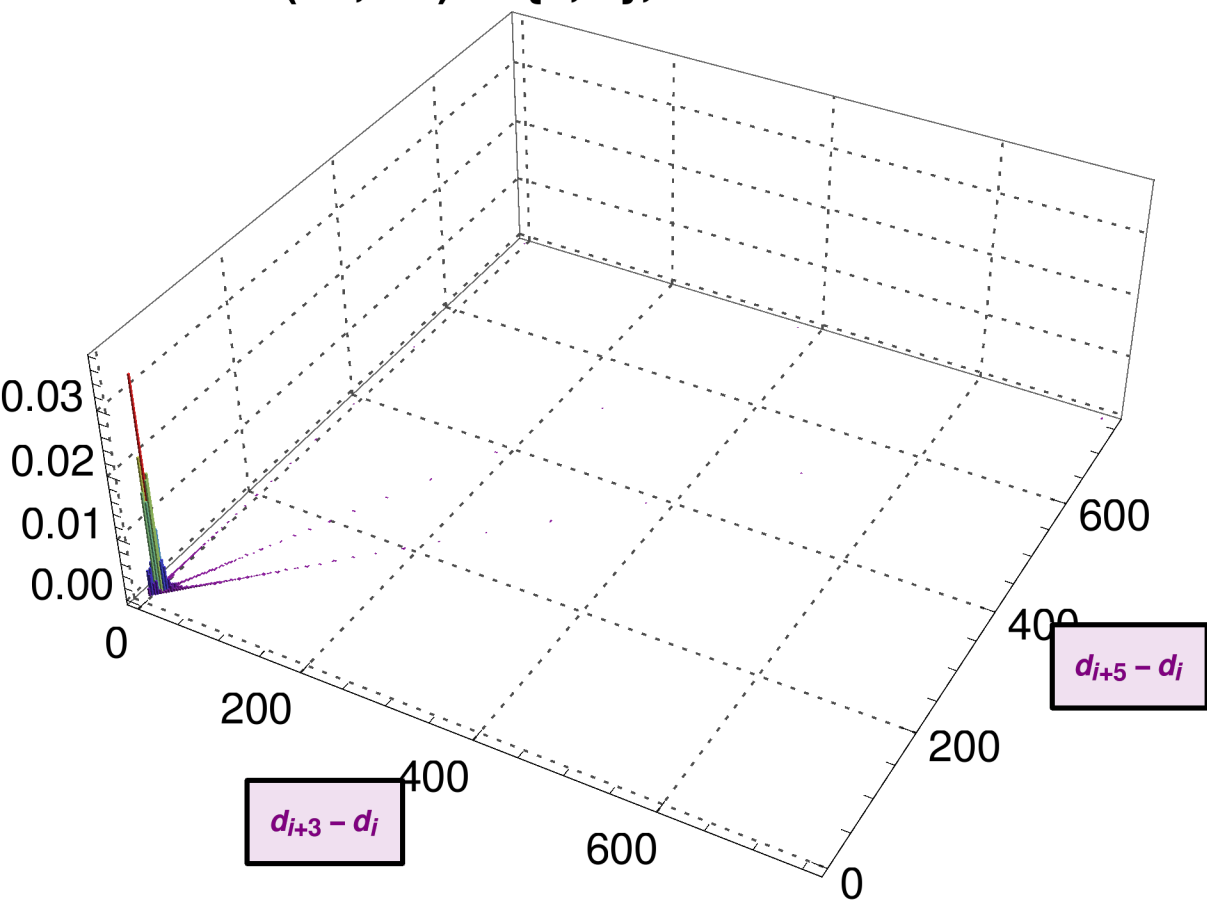
#Bins = 400



IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h1, h2) := \{3, 5\}$, $\#$ Bins = 400

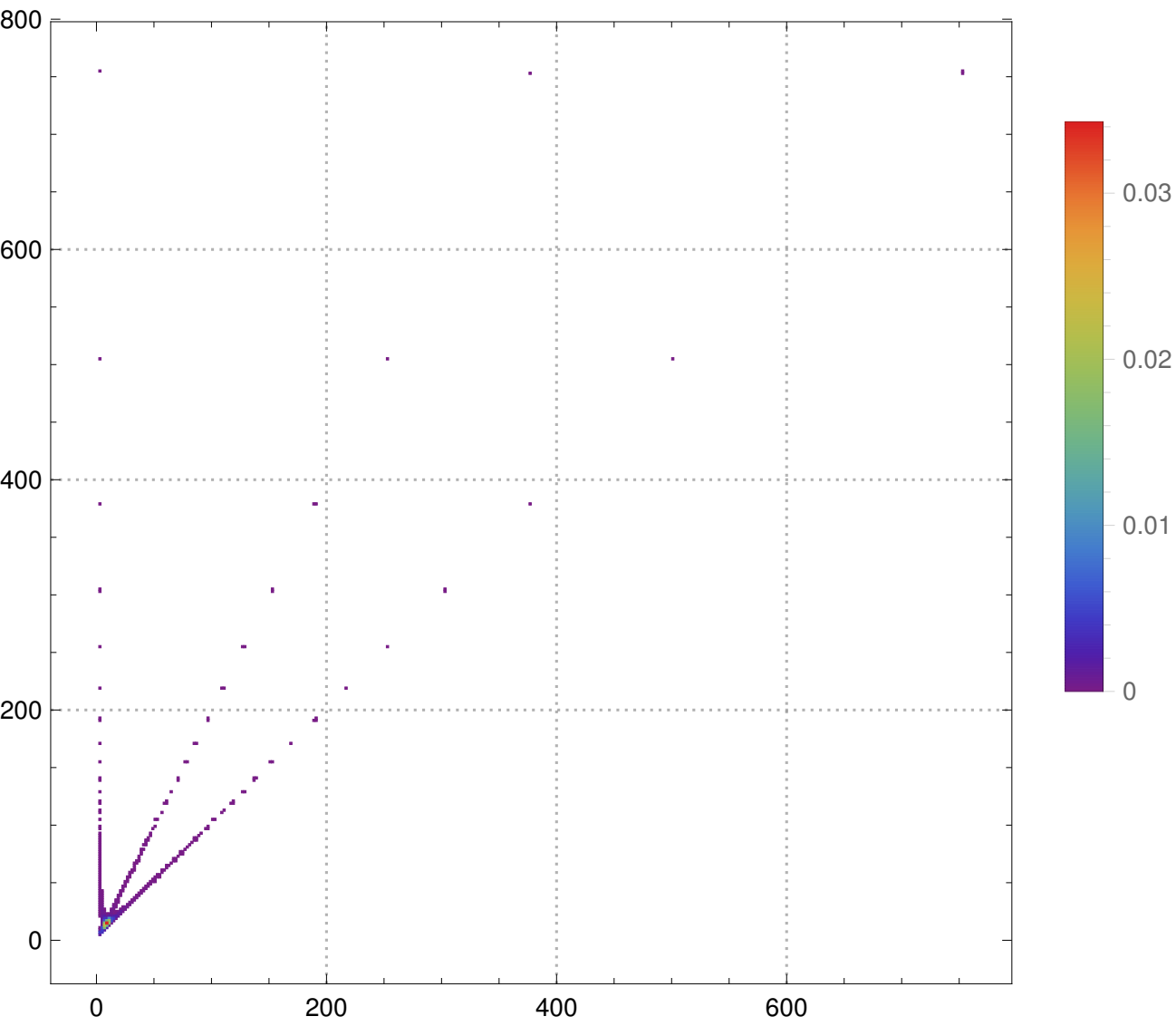


IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF Density:

$(h_1, h_2) := \{3, 5\}$, NUM-STEPS=10

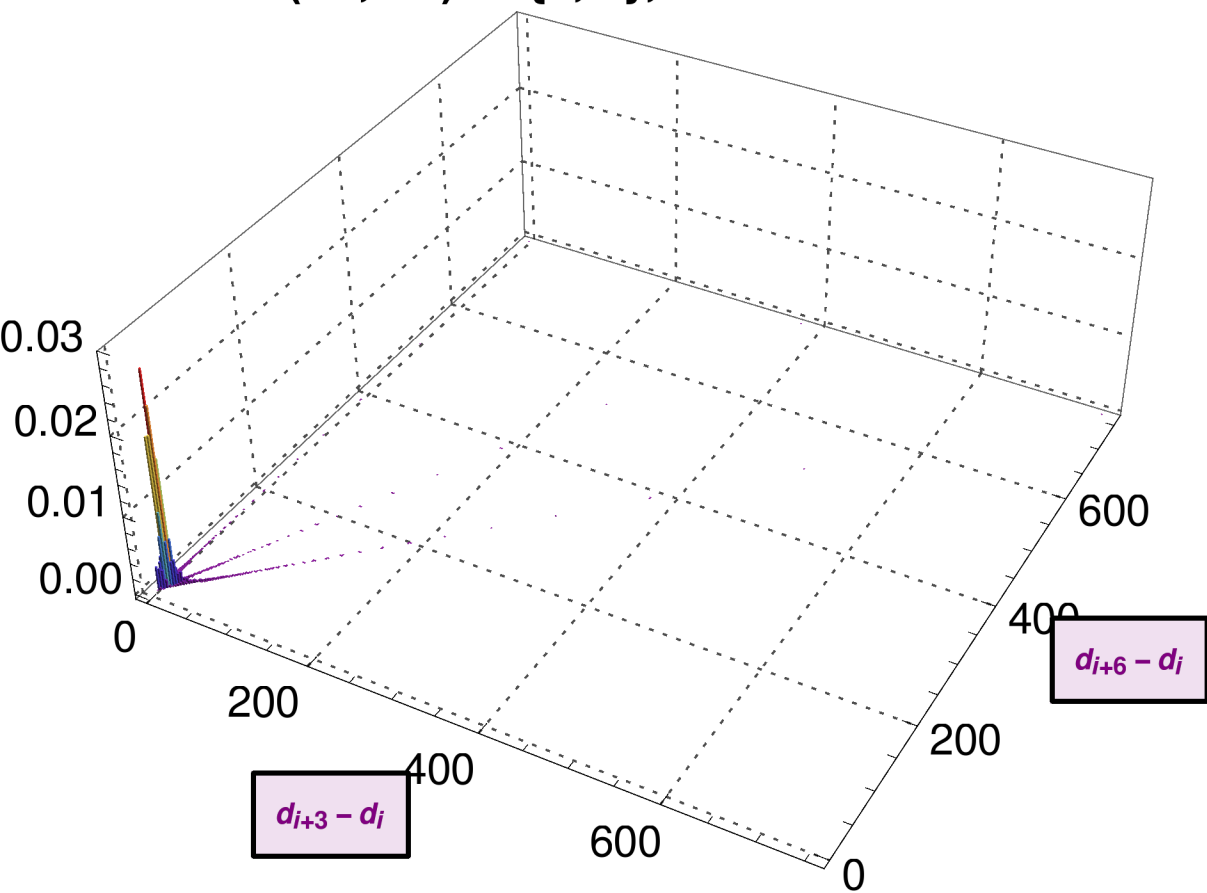
#Bins = 400



IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h1, h2) := \{3, 6\}$, $\#$ Bins = 400

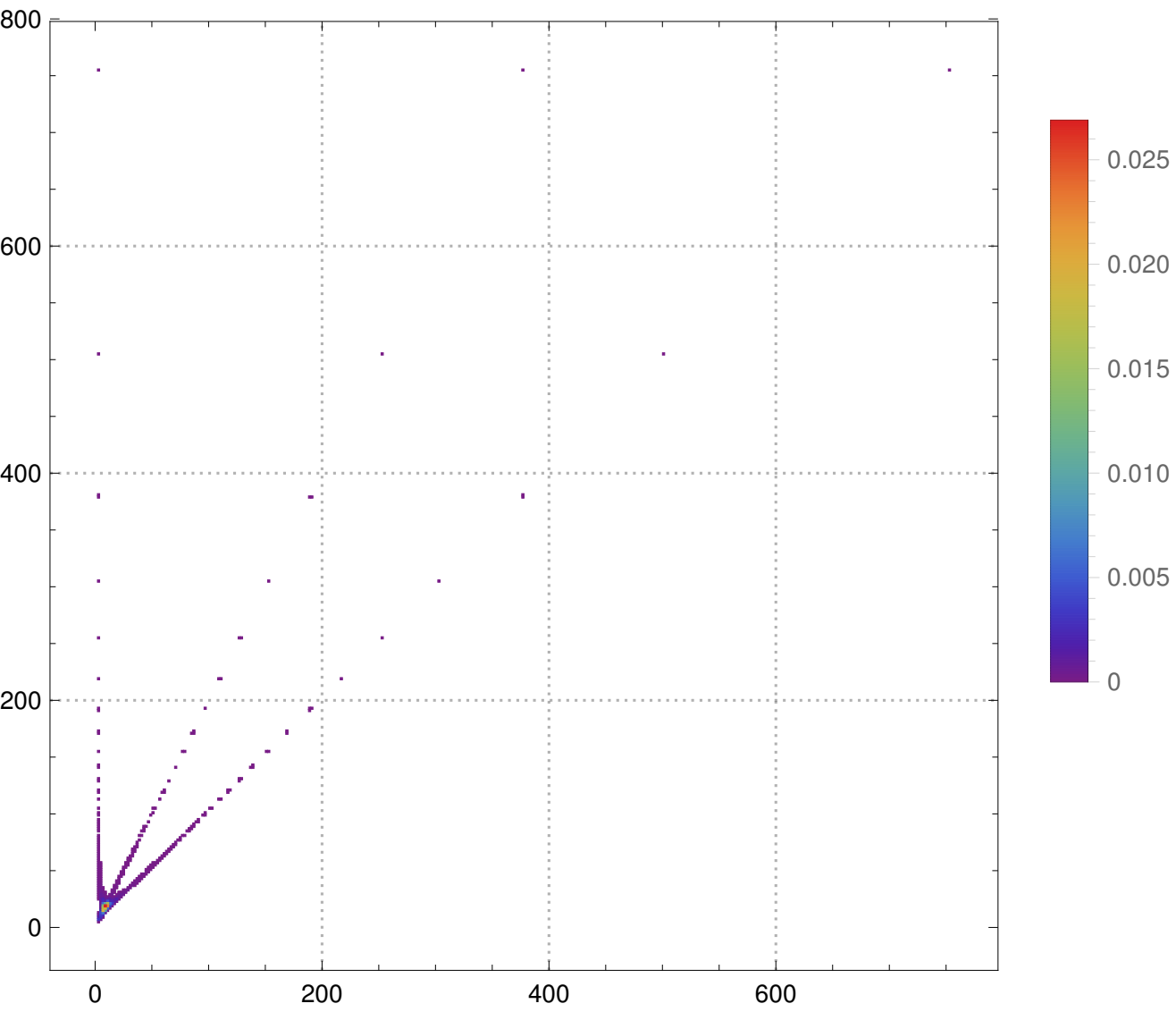


IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF Density:

$(h_1, h_2) := \{3, 6\}$, NUM-STEPS=10

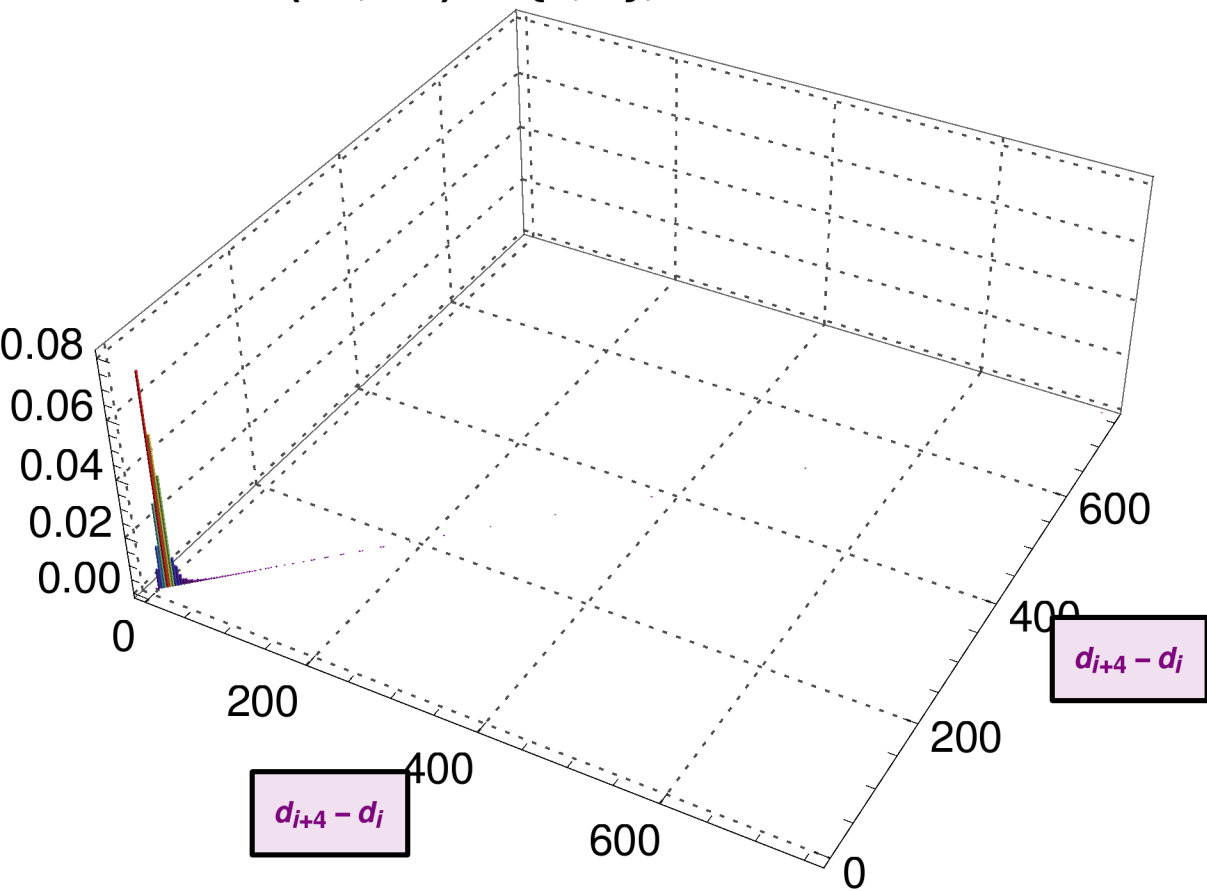
#Bins = 400



IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h_1, h_2) := \{4, 4\}$, $\#$ Bins = 400

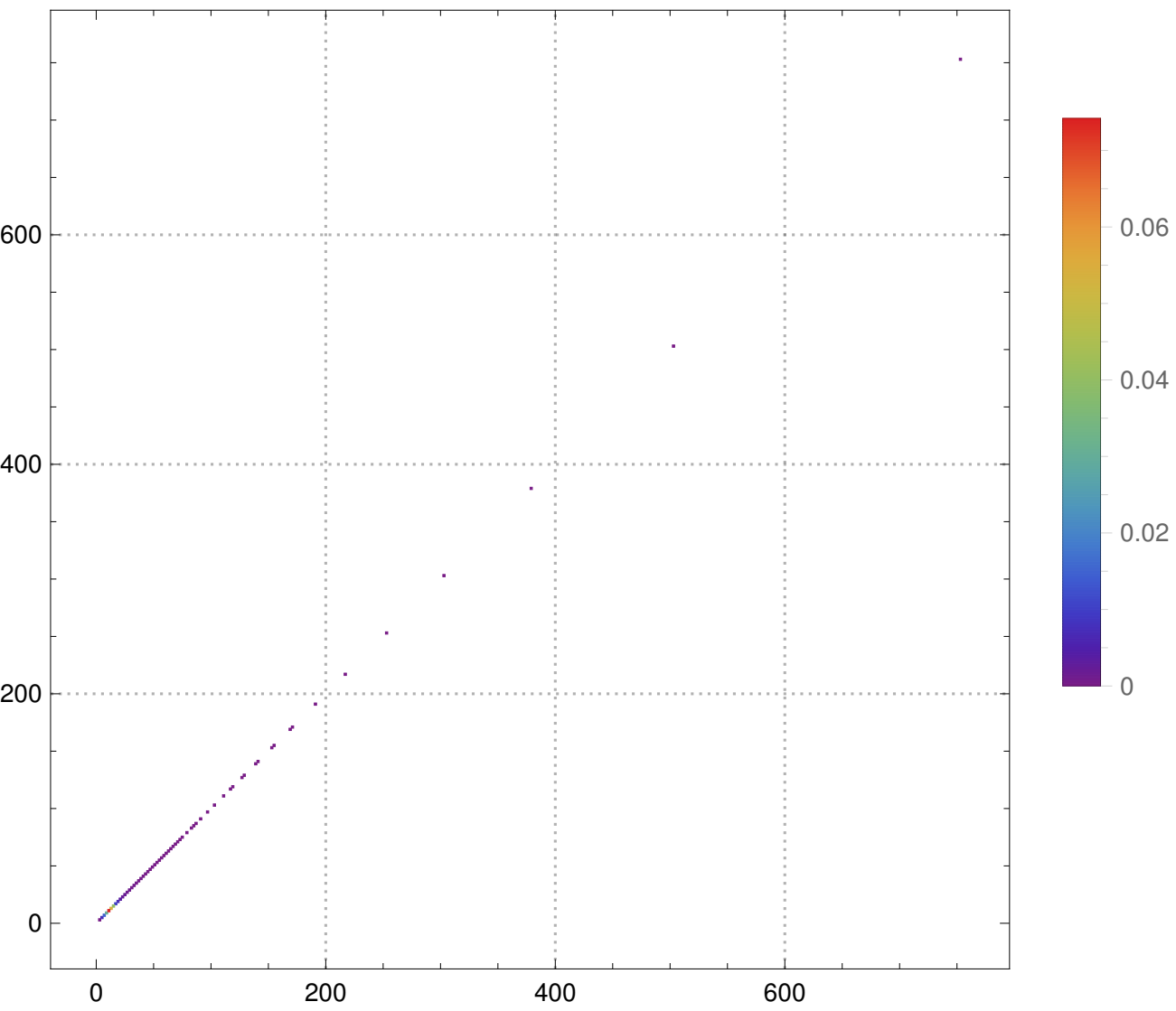


IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF Density:

$(h_1, h_2) := \{4, 4\}$, NUM-STEPS=10

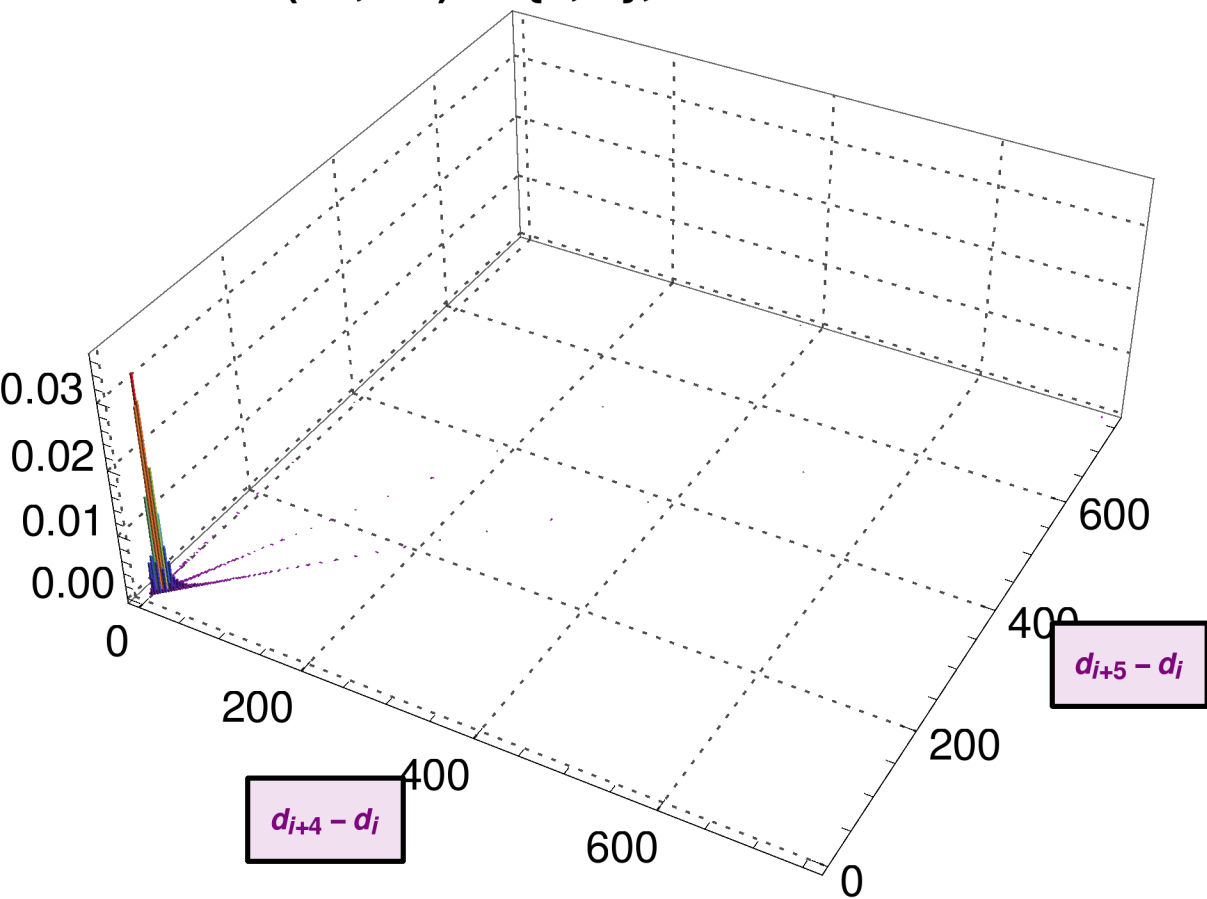
#Bins = 400



IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h1, h2) := \{4, 5\}$, $\#$ Bins = 400

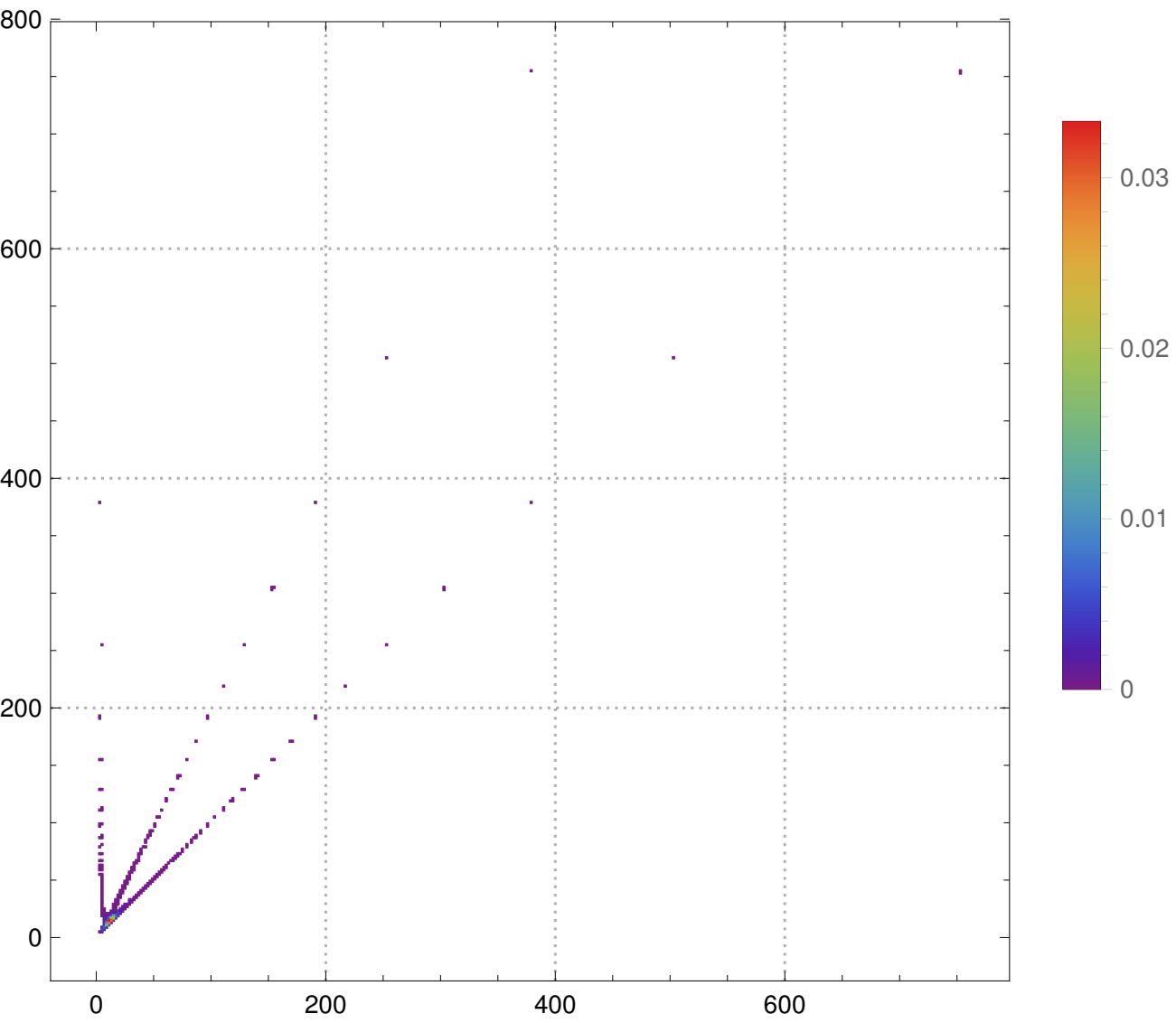


IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF Density:

$(h_1, h_2) := \{4, 5\}$, NUM-STEPS=10

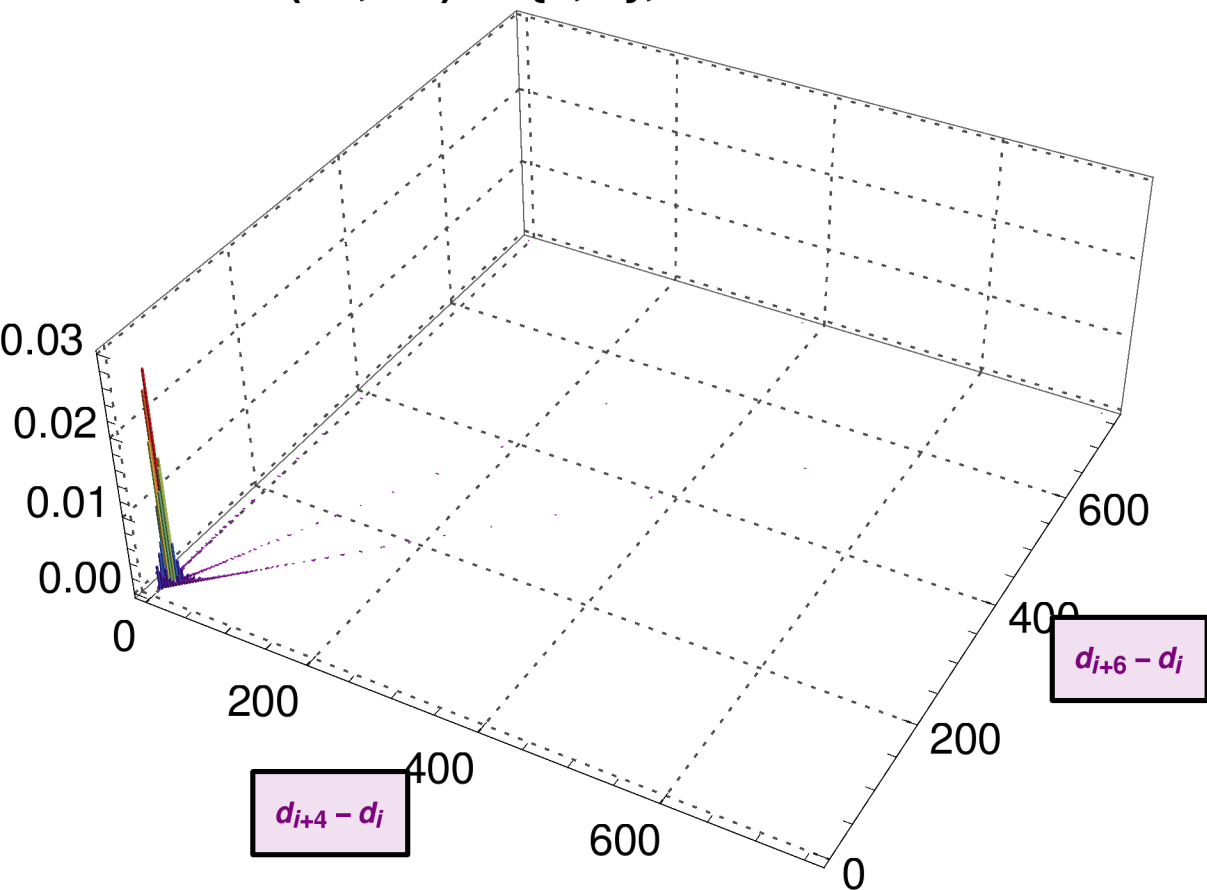
#Bins = 400



IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h_1, h_2) := \{4, 6\}$, $\#$ Bins = 400

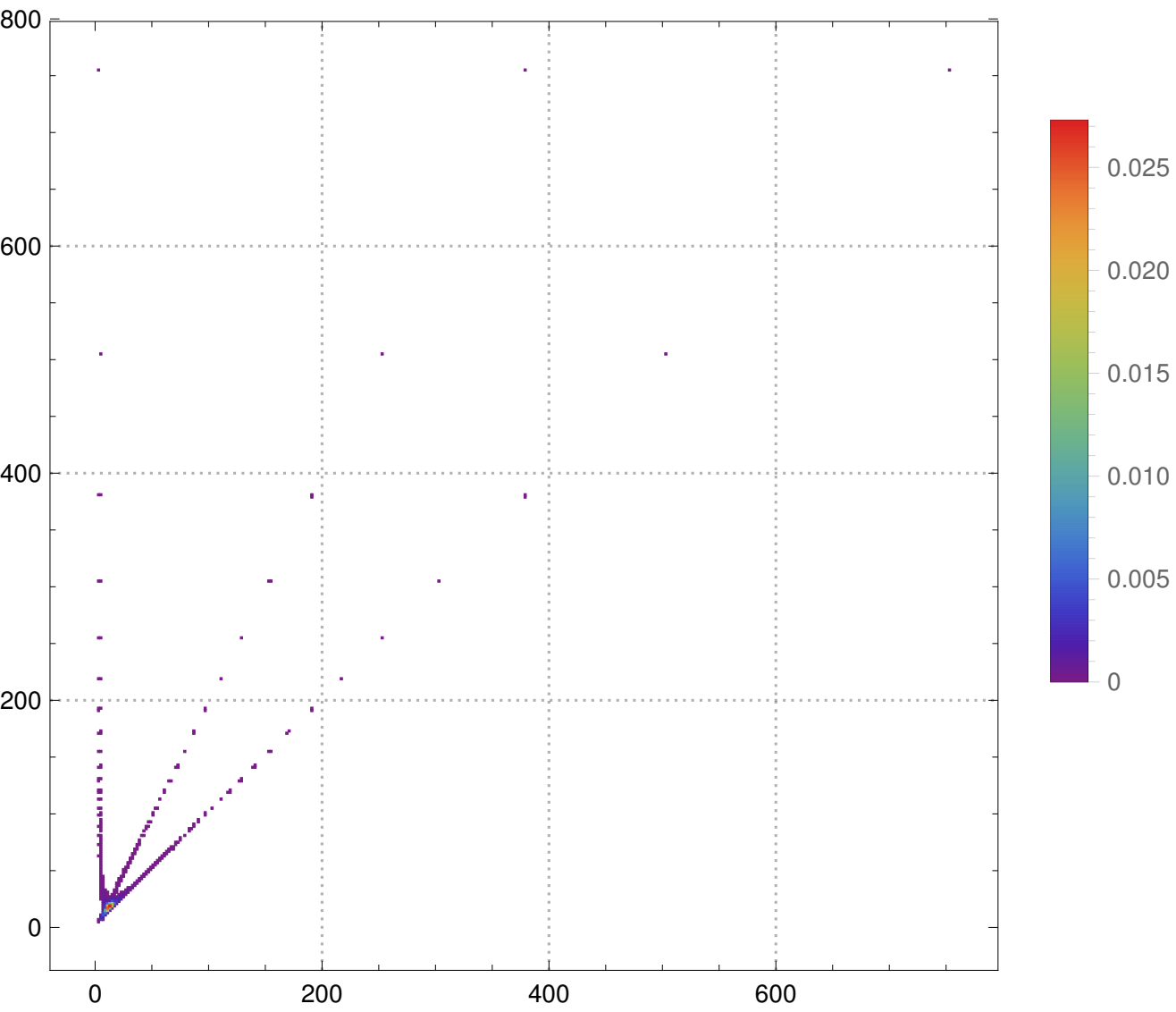


IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF Density:

$(h_1, h_2) := \{4, 6\}$, NUM-STEPS=10

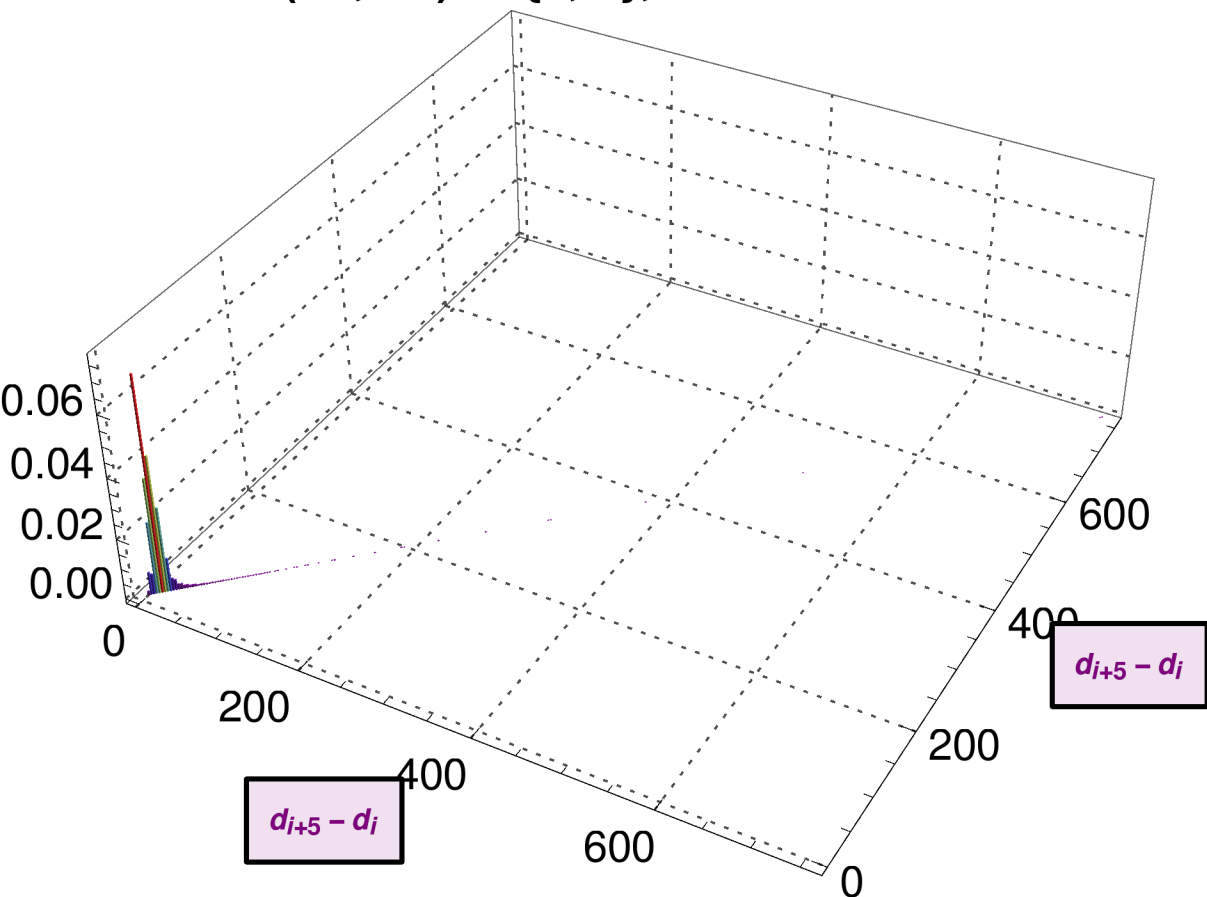
#Bins = 400



IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h1, h2) := \{5, 5\}$, $\#$ Bins = 400

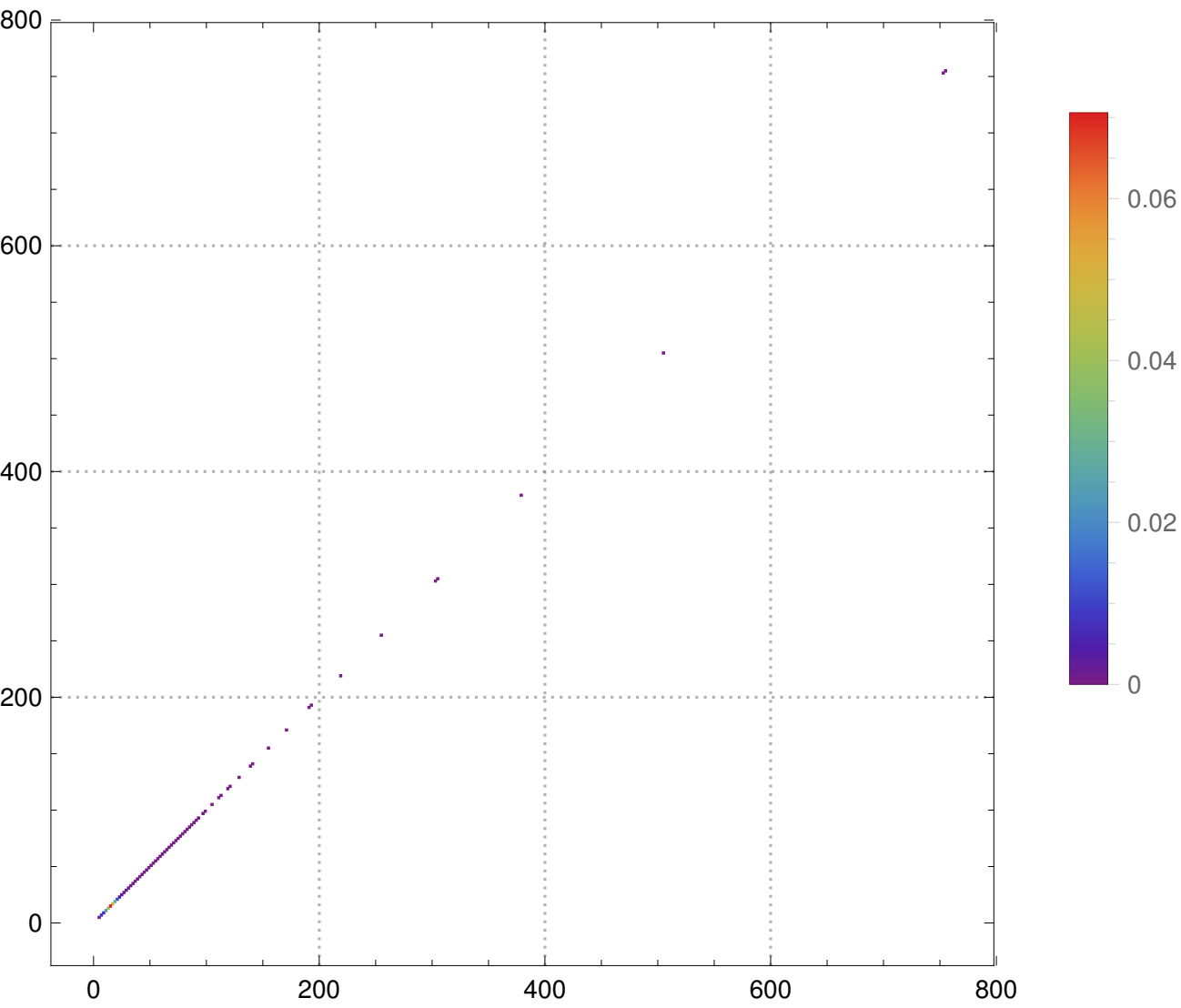


IntegerLattice Slopes (R := 750)

Gap Statistic Joint Distribution PDF Density:

(h1, h2) := {5, 5}, NUM-STEPS=10

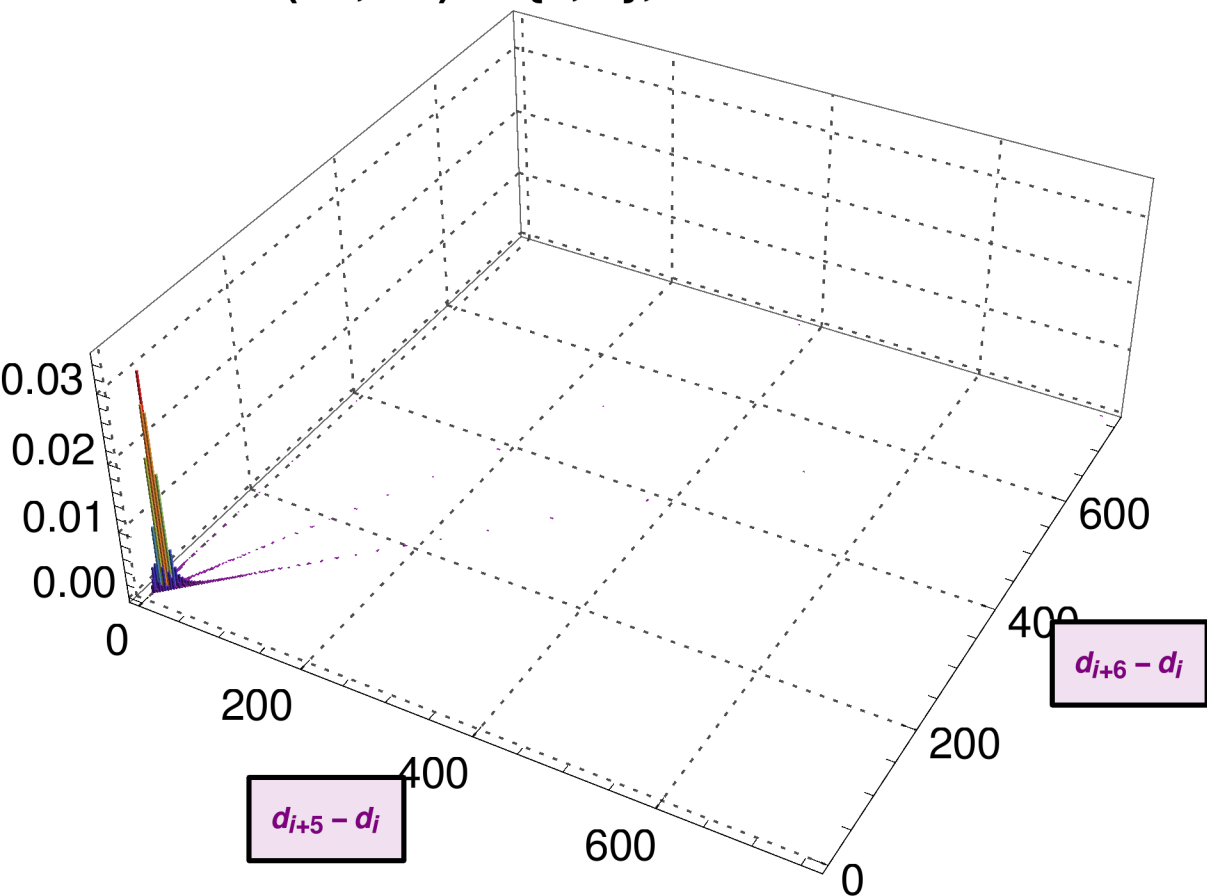
#Bins = 400



IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h1, h2) := \{5, 6\}$, # Bins = 400

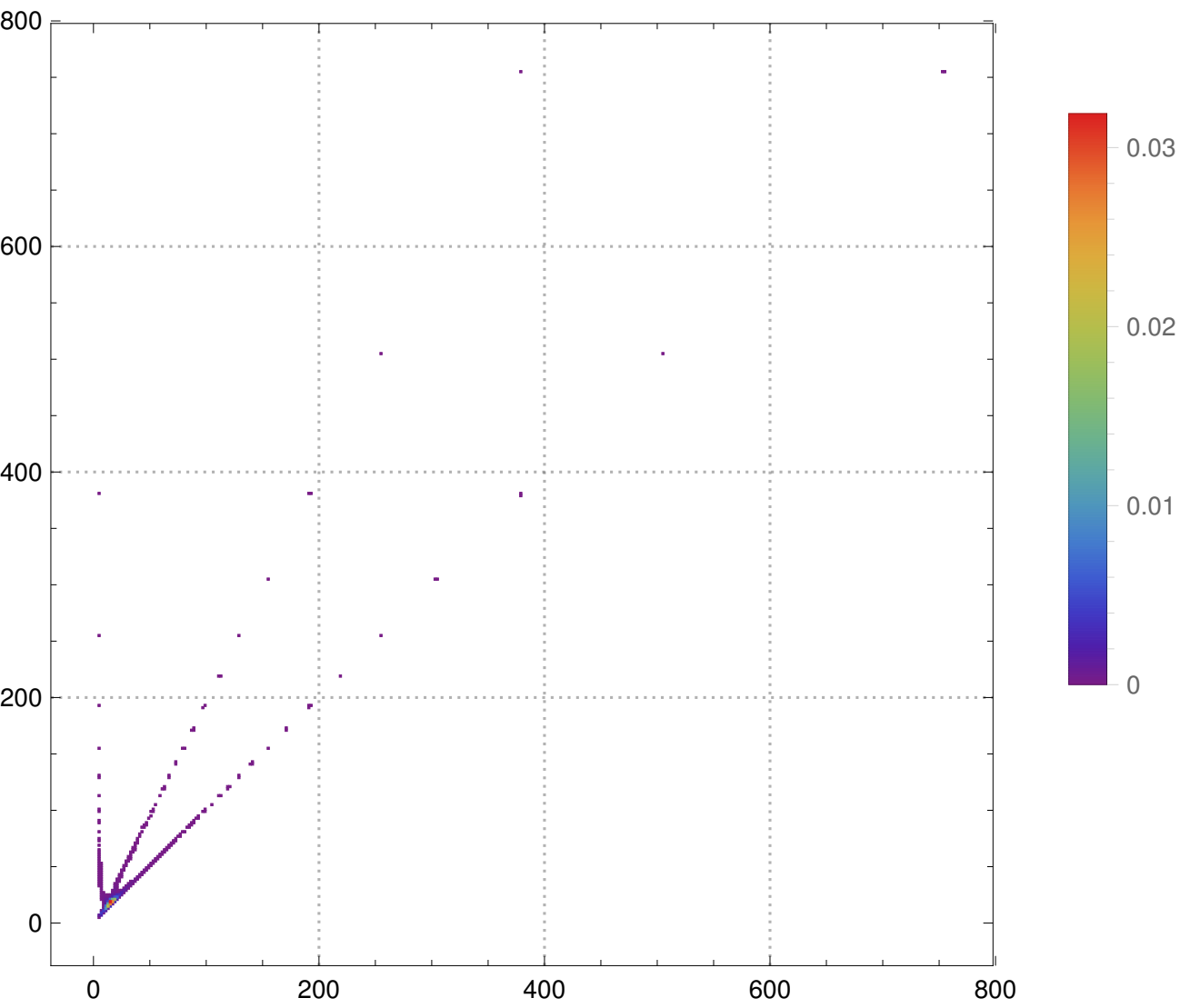


IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF Density:

$(h_1, h_2) := \{5, 6\}$, NUM-STEPS=10

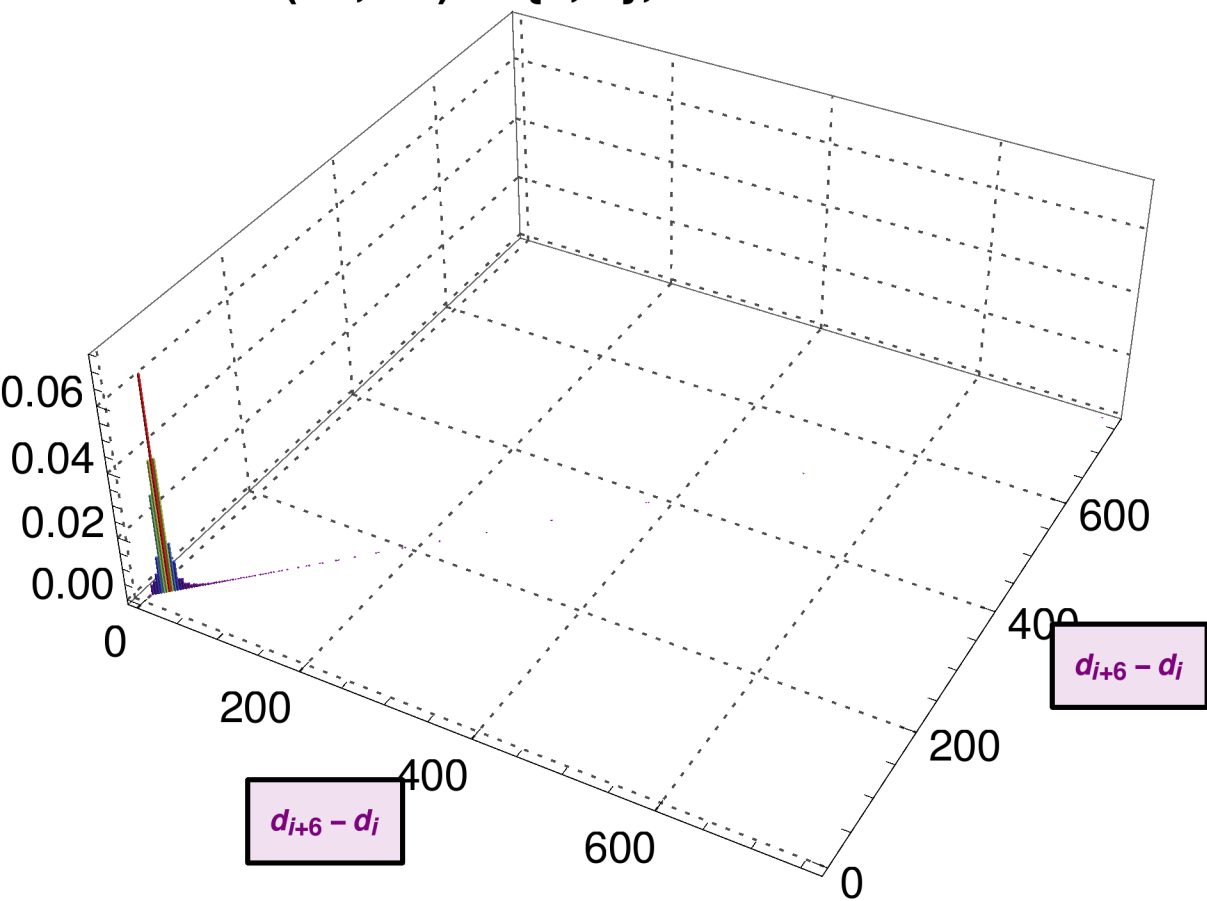
#Bins = 400



IntegerLattice Slopes ($R := 750$)

Gap Statistic Joint Distribution PDF:

$(h1, h2) := \{6, 6\}$, $\#$ Bins = 400



IntegerLattice Slopes (R := 750)

Gap Statistic Joint Distribution PDF Density:

(h1, h2) := {6, 6}, NUM-STEPS=10

#Bins = 400

